

Antibodies and Kits for the Study of Stem Cell

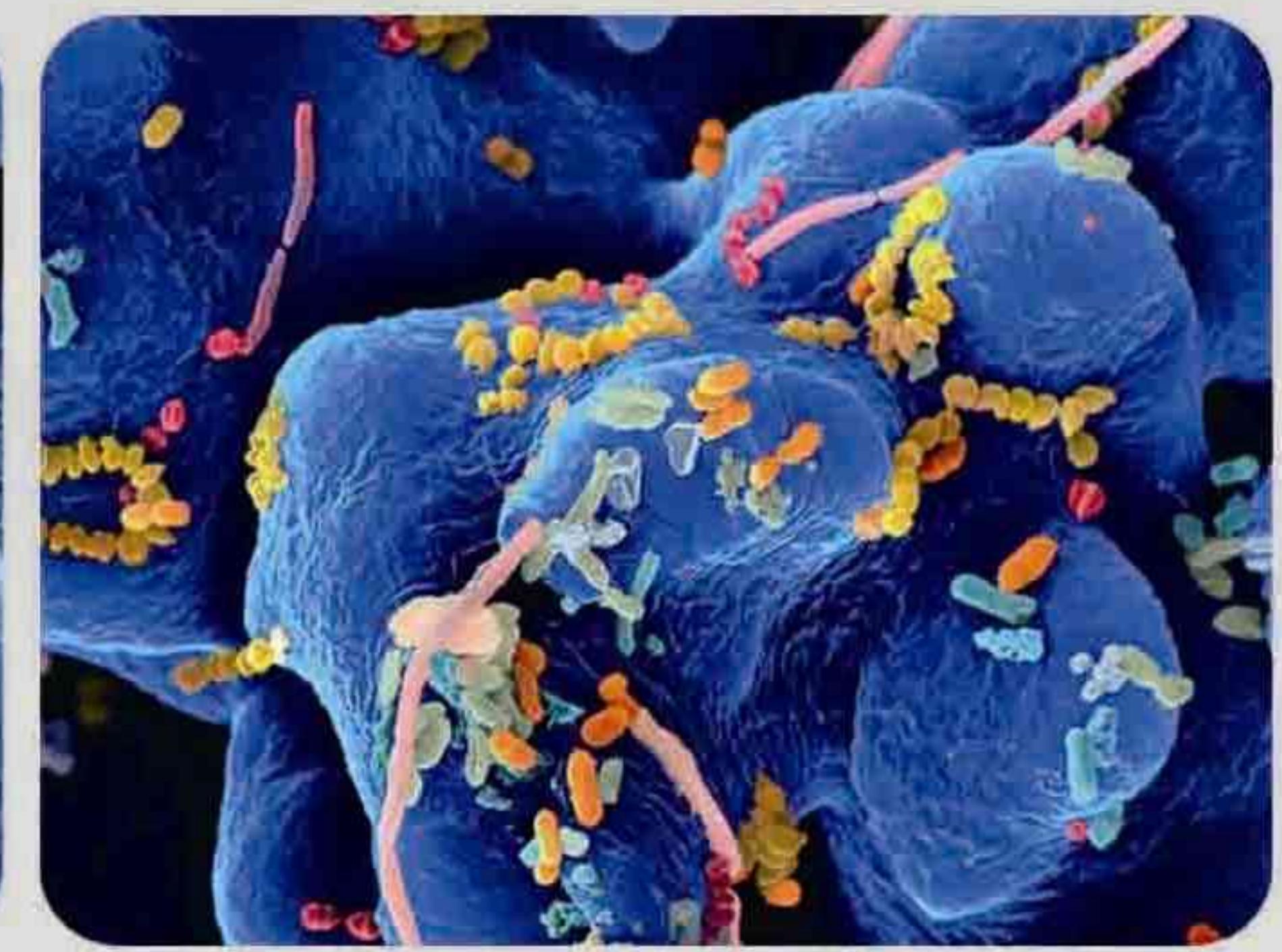
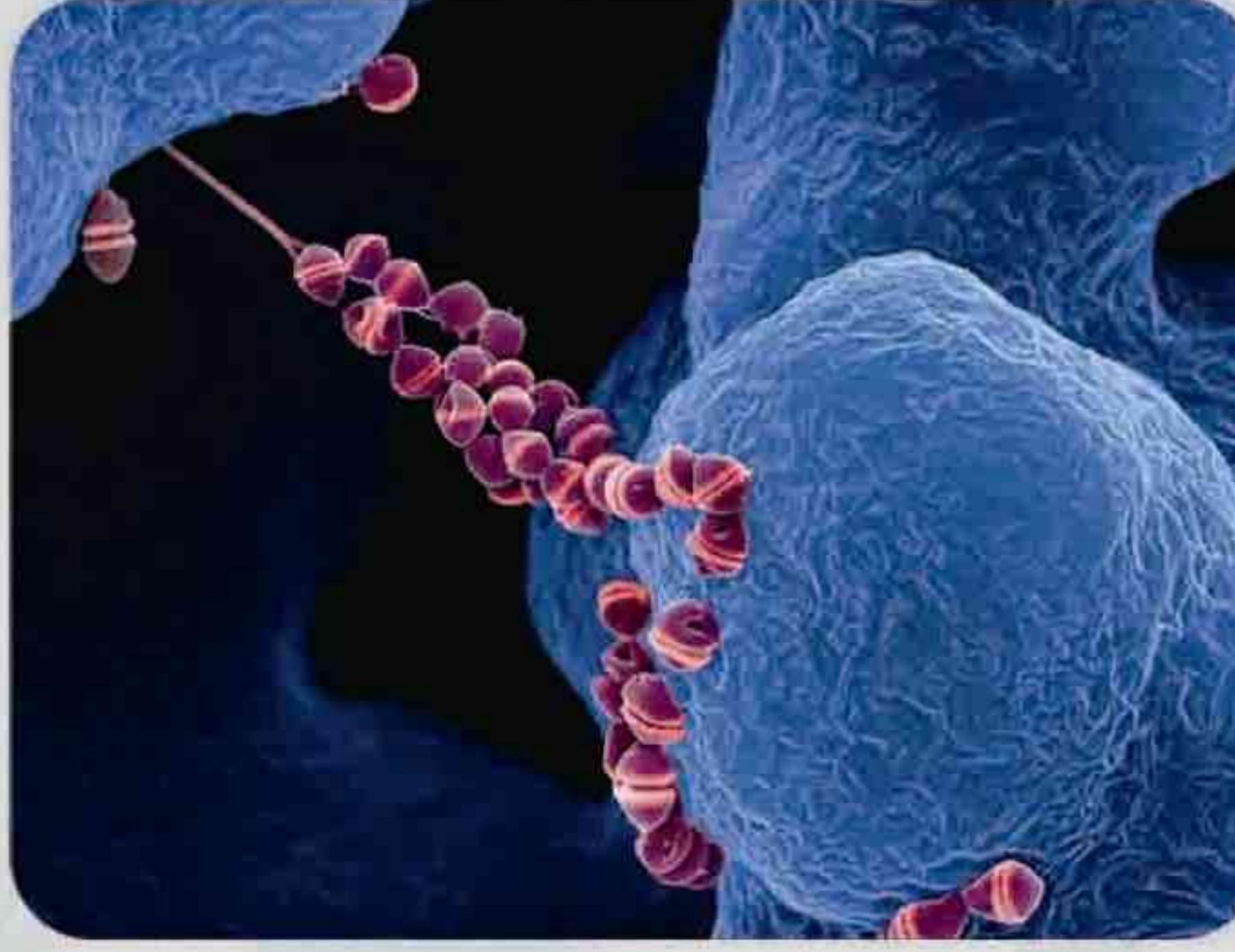
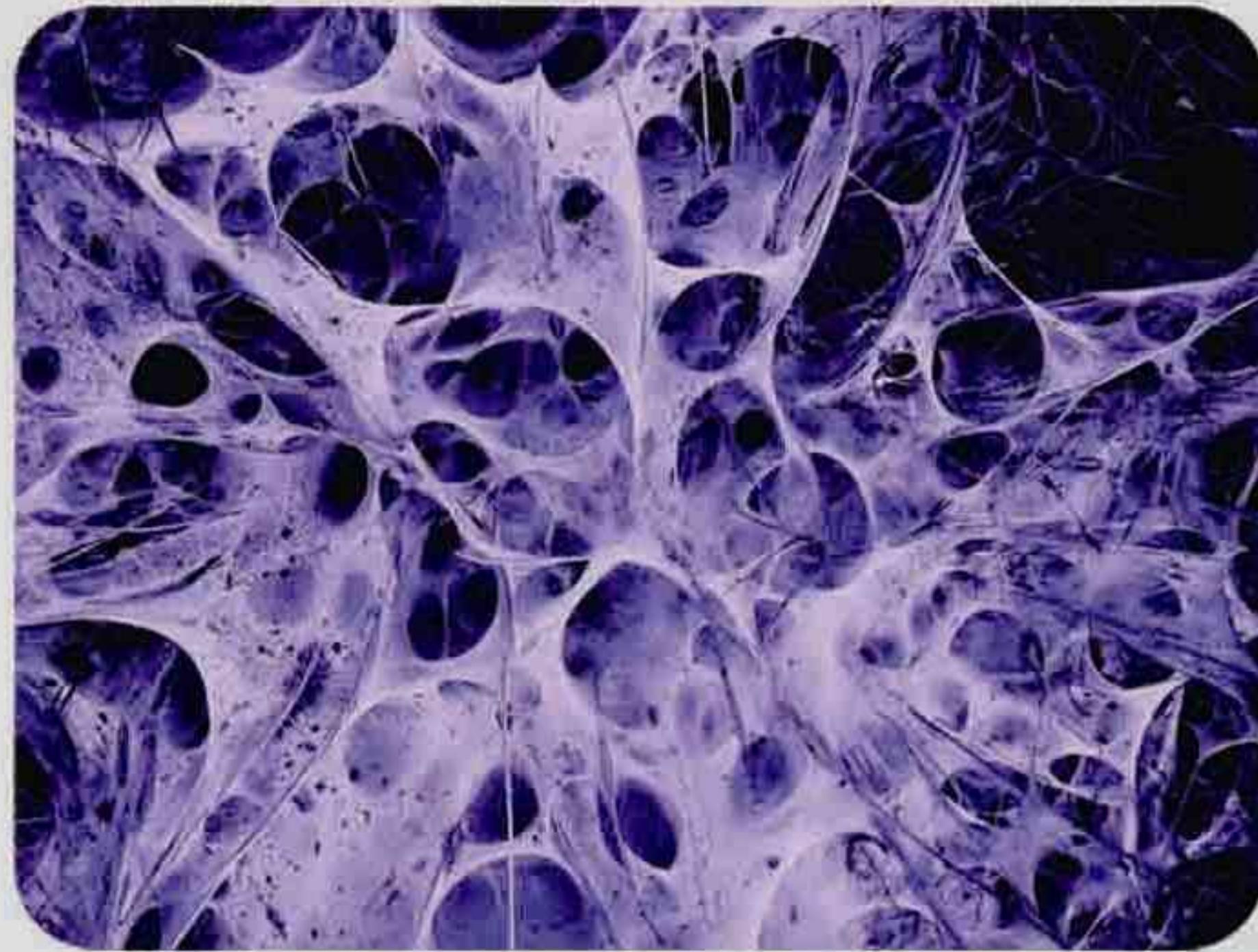
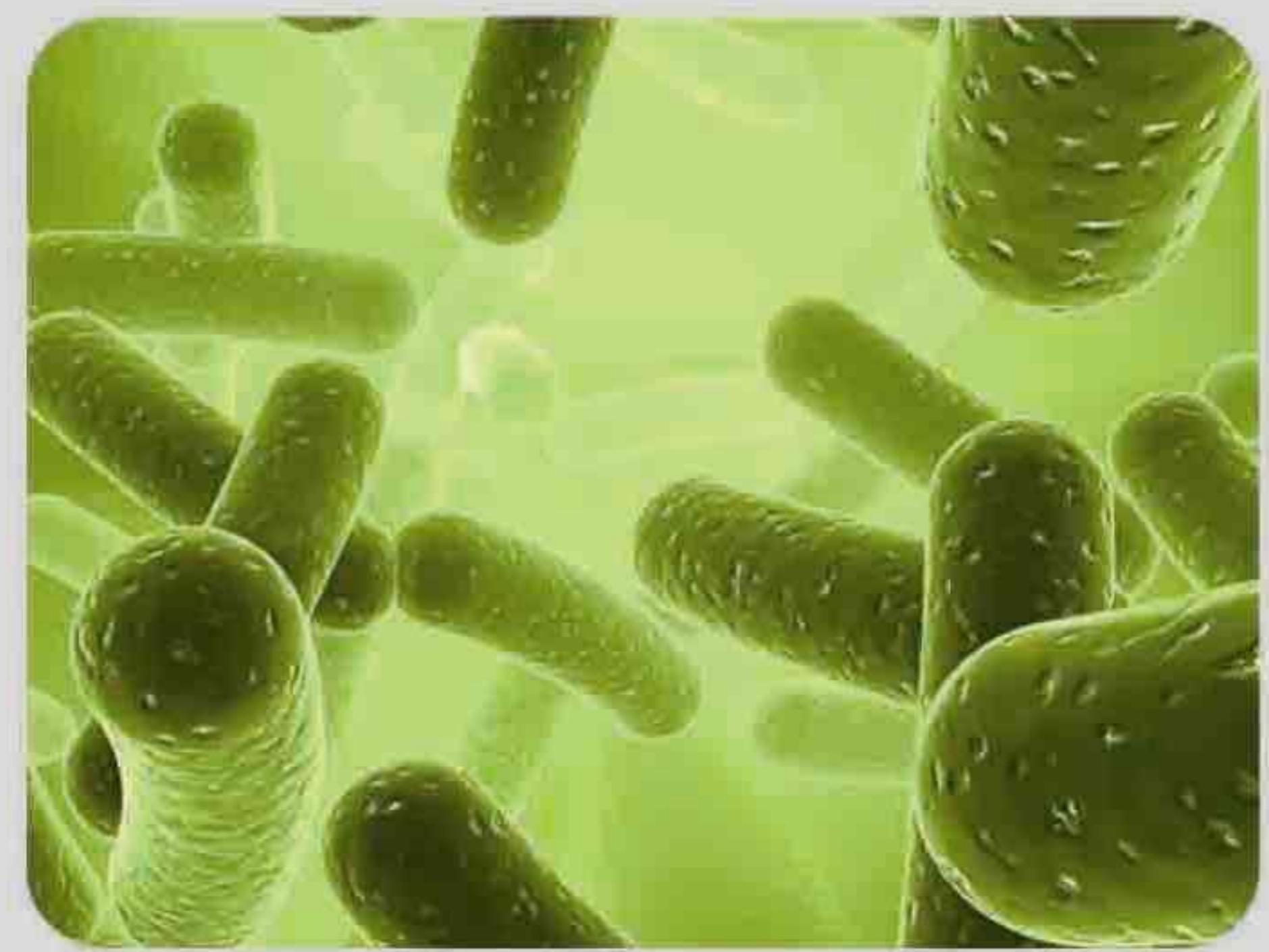


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Conditions of Sales

All of SAB's products are intended for laboratory research use only and not to be used for any other purpose, including clinical use in humans. SAB can provide the standard packaging, and can provide non-standard packaging according to the needs of users.

Warranties

SAB warrants that each product conforms to its specification at the time of sale.

Complain

If the user has problems and needs to complaint, please send to tech@signalwayantibody.com. SAB's technicians will respond within 12 hours.

Technical support

If the user needs technical support, please send to tech@signalwayantibody.com. SAB's technicians will respond within 12 hours.

Market

If you need business negotiation, please send email to sally@signalwayantibody.com.

Trademarks

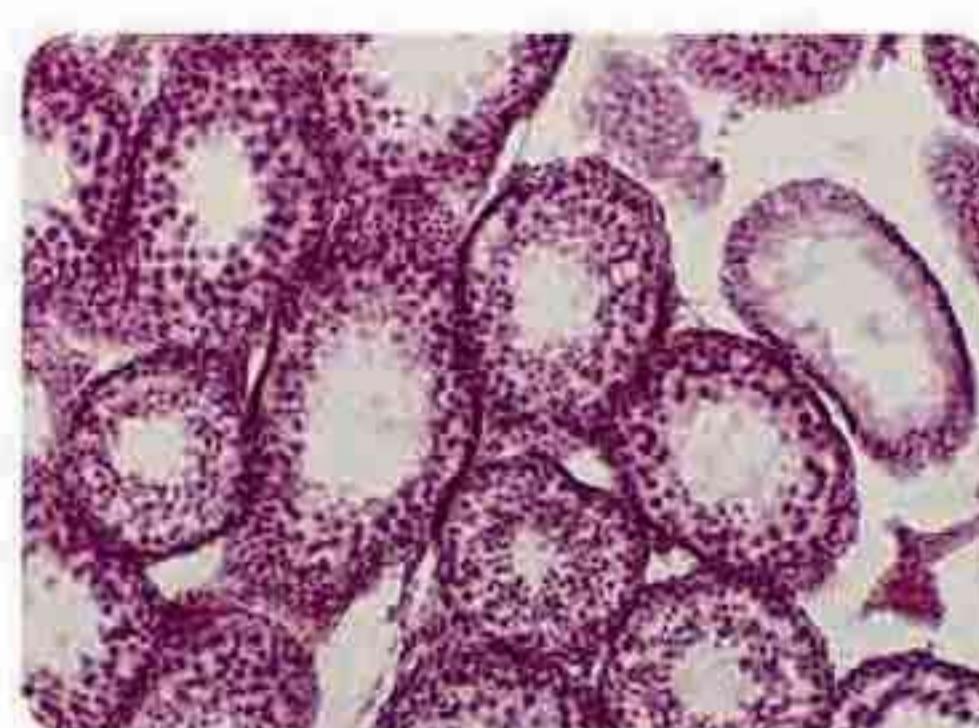
SAB as a trademark, has already registered in the United States without permission cannot be free to use.



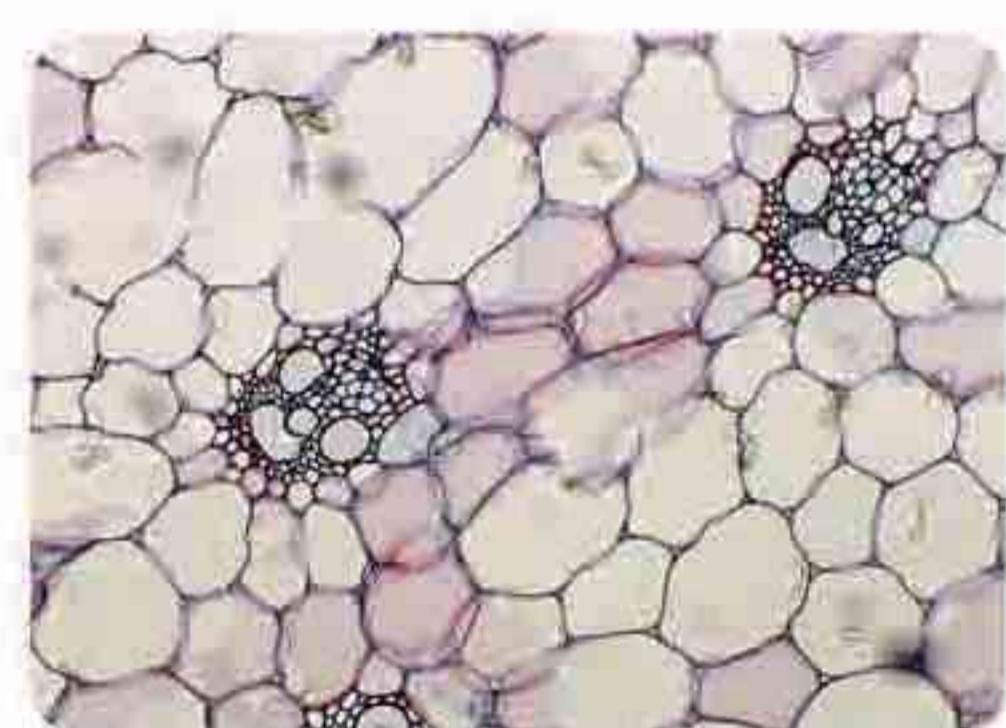
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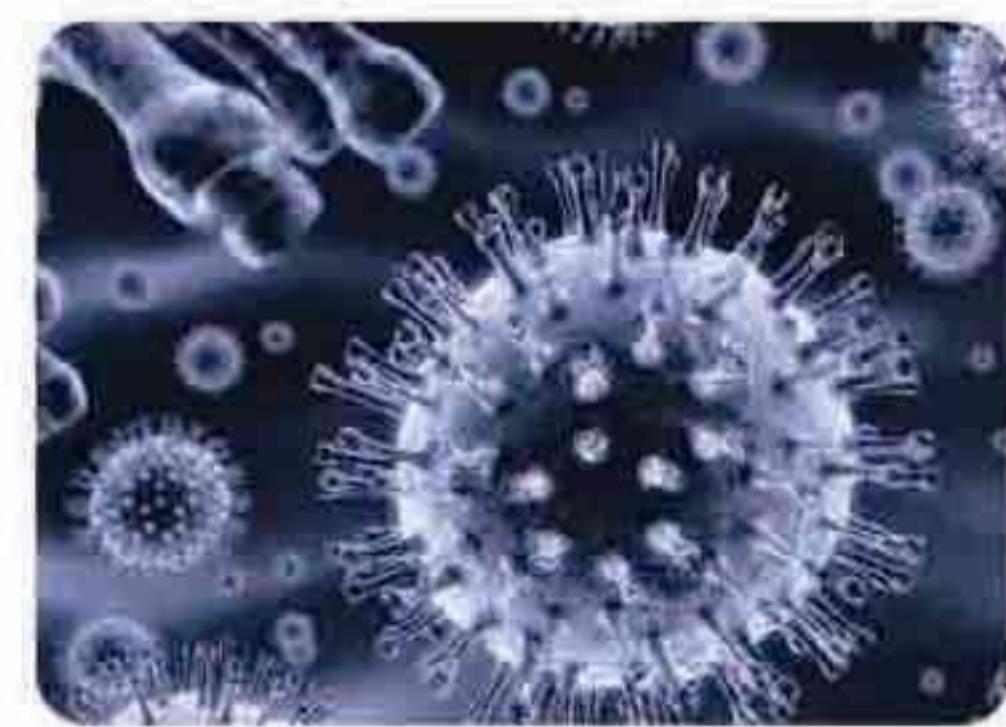
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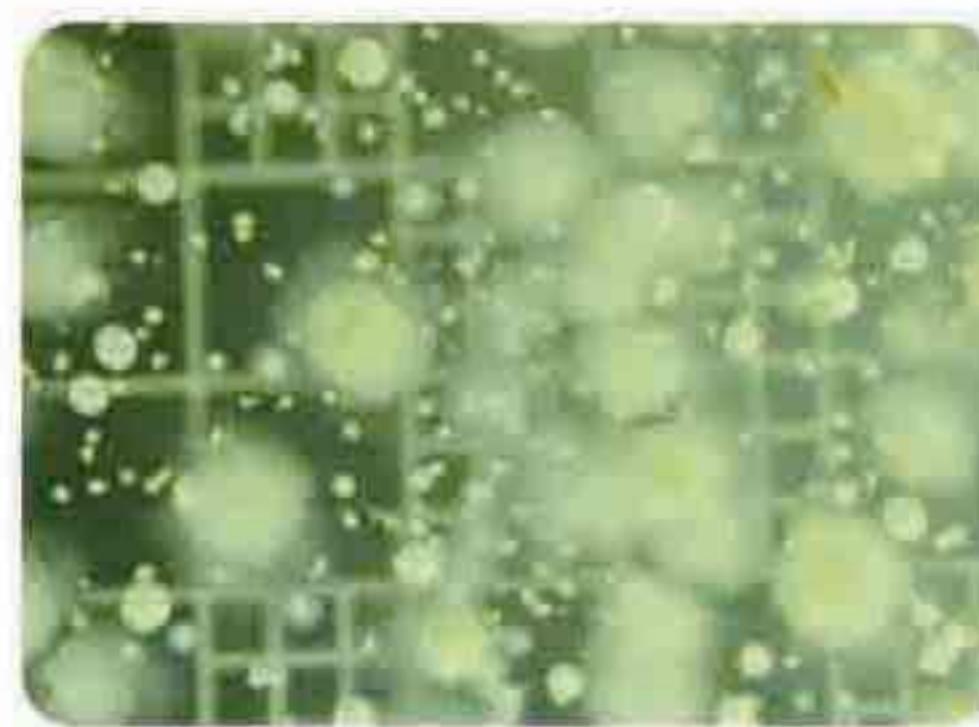
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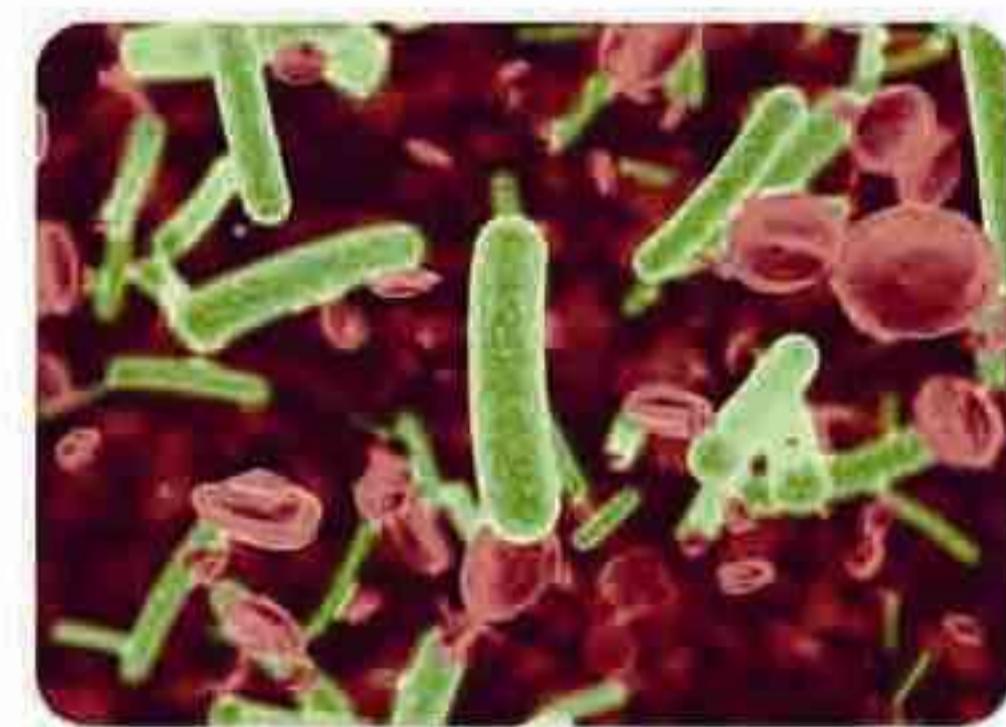
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Application key

WB – Western blotting

IF – Immunofluorescence

IHC – Immunohistochemistry

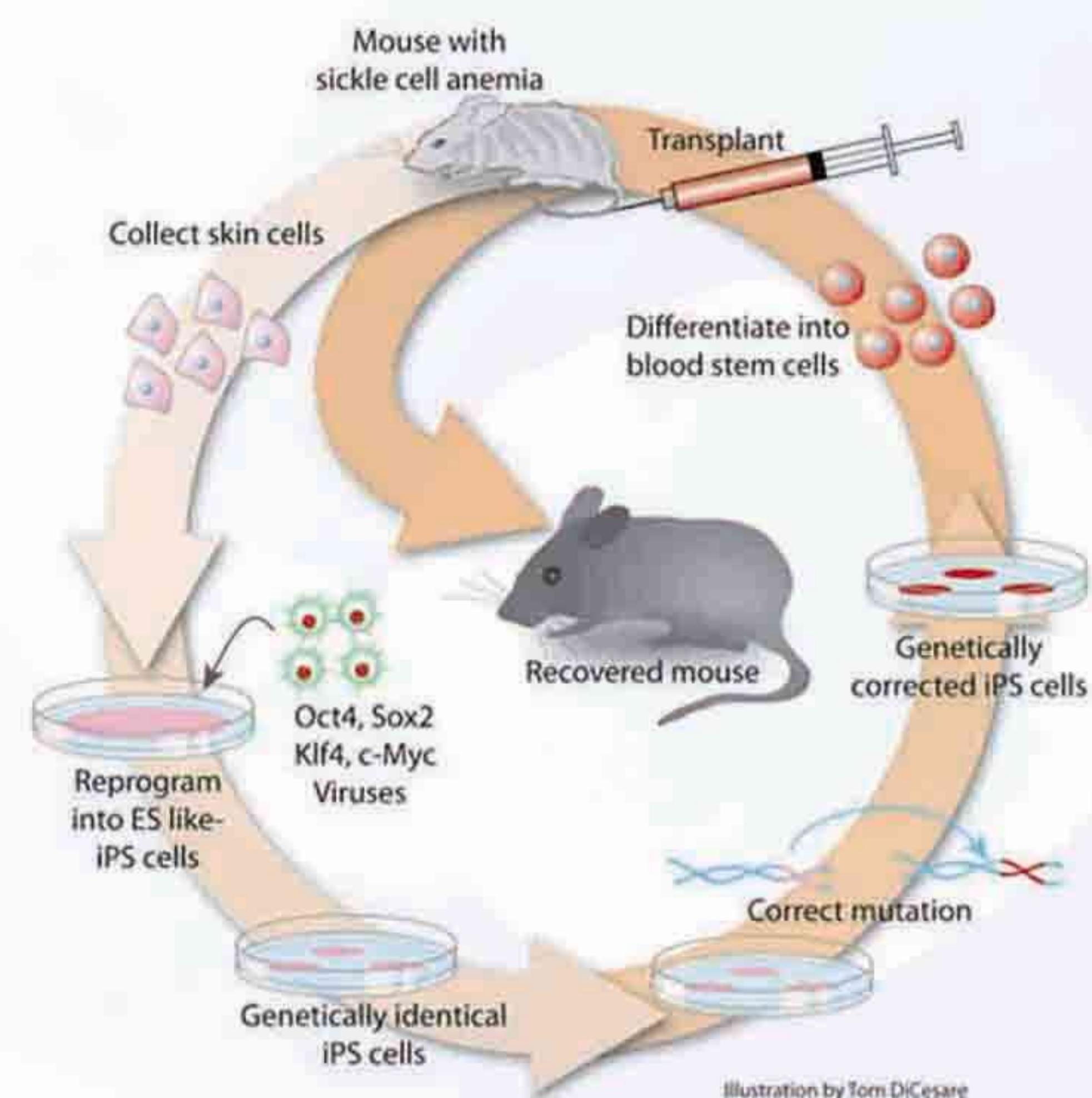
E – ELISA (Enzyme linked immunosorbent assay)

Blocking - peptide blocking

Stem Cell Research

Stem cells (SC) are self-renewing and the pluripotent cells can differentiate into various cell types. The stem cells can be divided into embryonic stem cell (ES) and somatic stem cell according to the developmental stages. Embryonic stem cells are divided into embryonic stem cell, (ES) and embryonic germ cells (EG). Somatic stem cell exists in the body of a variety of differentiated tissue or organ, which are hematopoietic stem cells, mesenchymal stem cell (MSC), neural stem cells (NSC), etc.. The stem cells are divided into three categories based on development potential : totipotent stem cell (TSC), pluripotent stem cell and unipotent stem cell. Recent years, a new induced pluripotent stem cells technology appeared, which bring four kinds of Oct3 / 4, Sox2, c-Myc, and Klf4 transcription factor gene to genetic programming of cells and make the re-programming, and induct its occurrence transformed into cells similar to embryonic stem cell state. Due to multi-energy nature and infinite self-renewal capacity for stem cell , which can be used to treat body injury, tissue and immune deficiency diseases and genetic diseases, and has broad prospects for development.

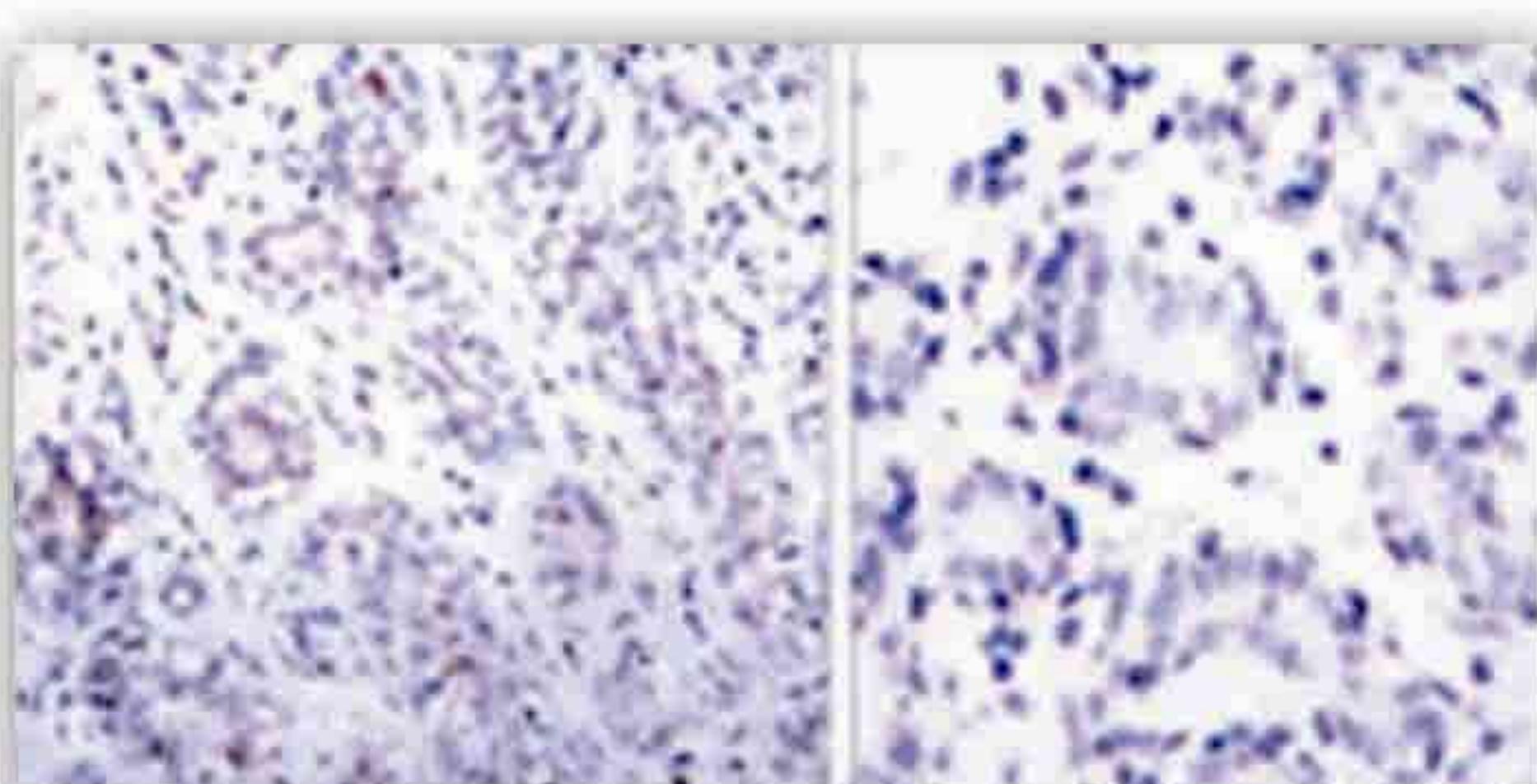
SAB provides different development stages of embryonic stem cells markers, rich Cd molecule antibody and stem cell signal transduction pathways antibody, such as somatic stem cell markers include:hematopoietic stem cells, mesenchymal stem cell(MSC), neural stem cells (NSC) used in stem cell research.



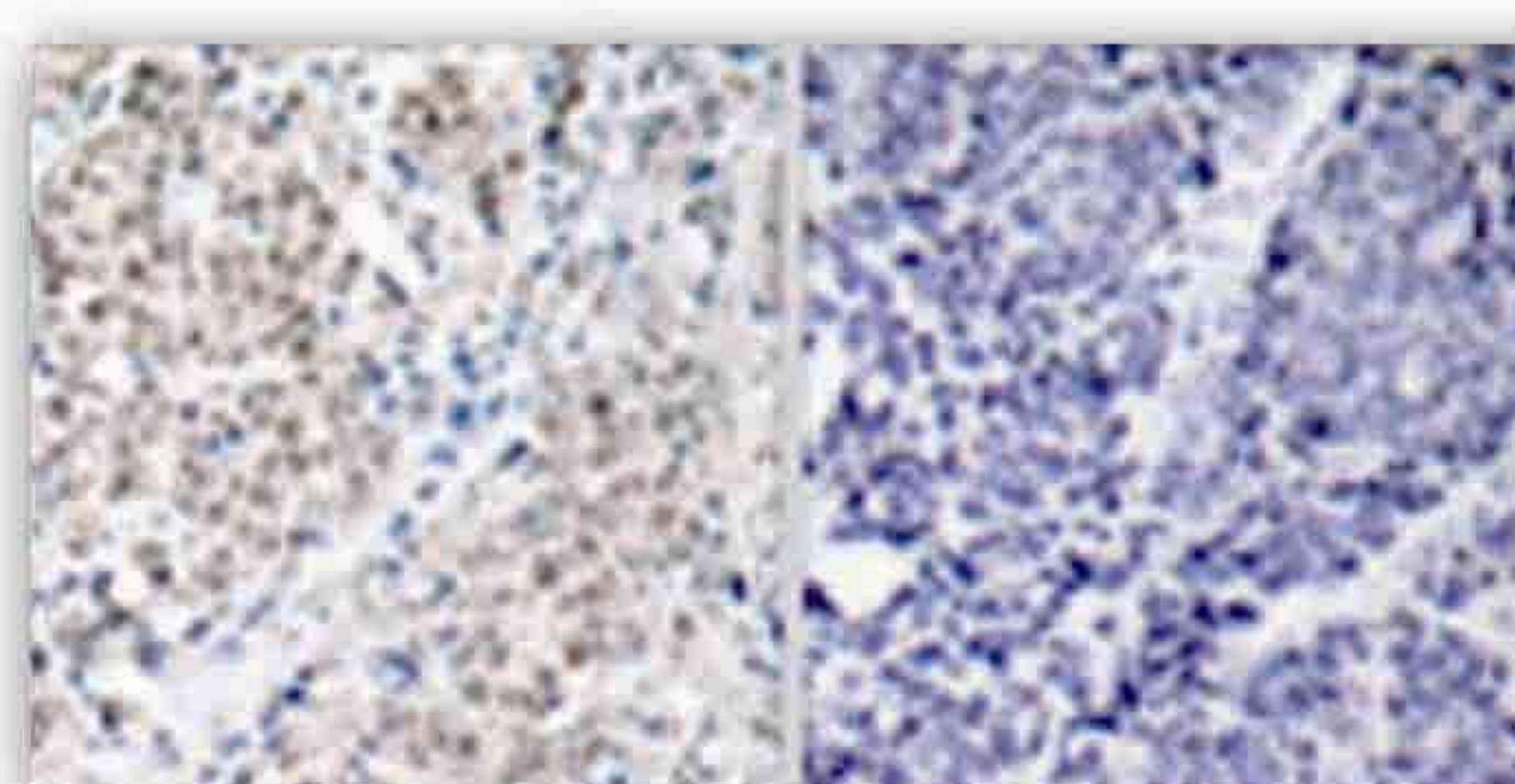
Embryonic Stem Cells

Embryonic Stem Cell Markers

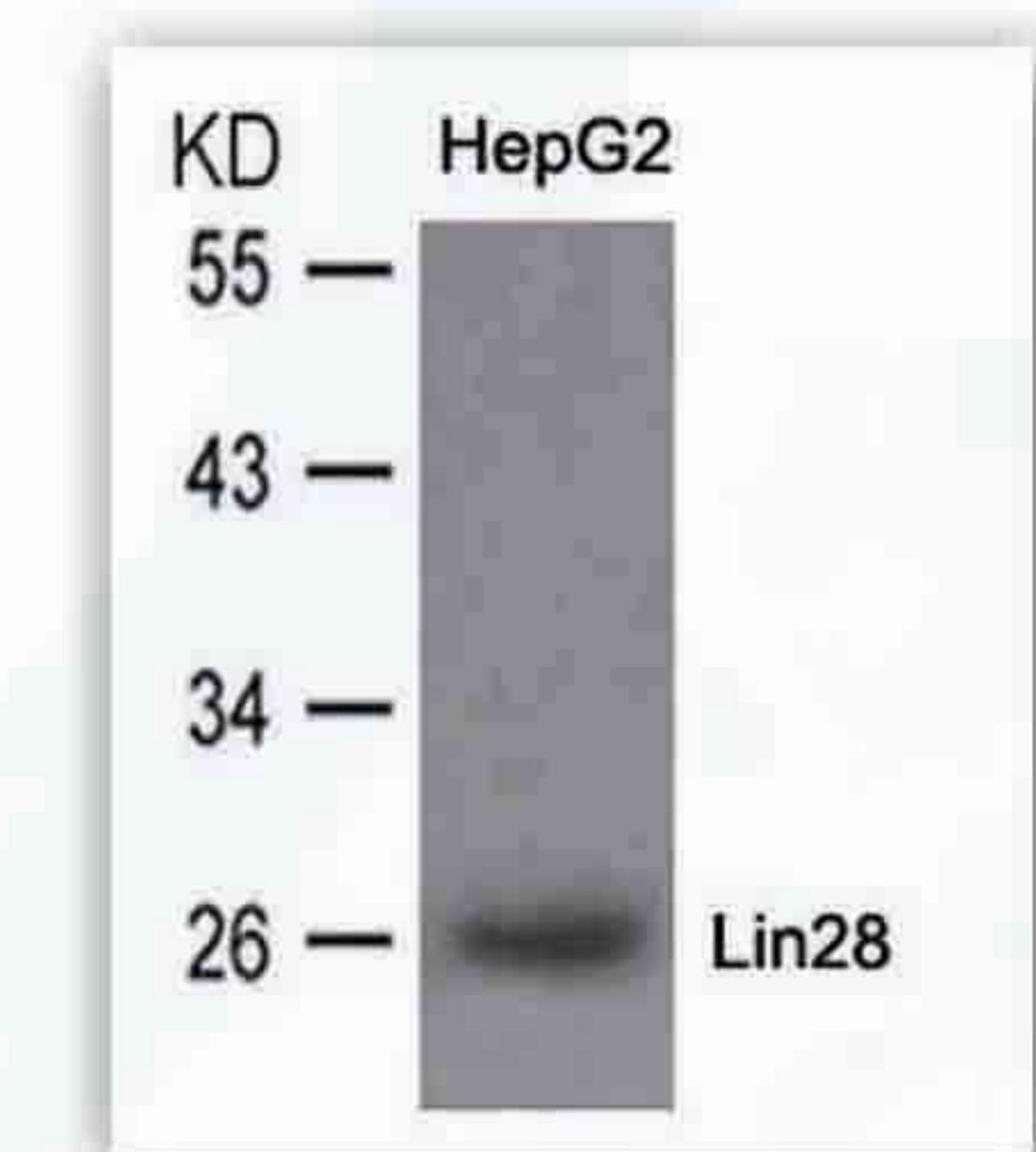
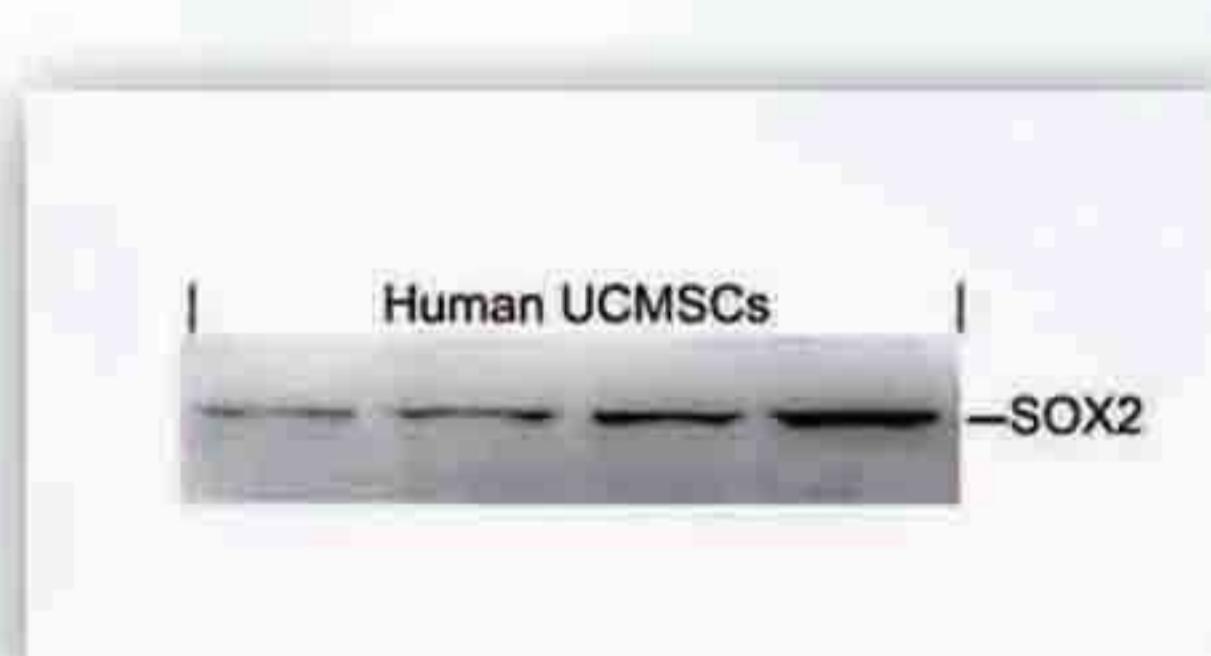
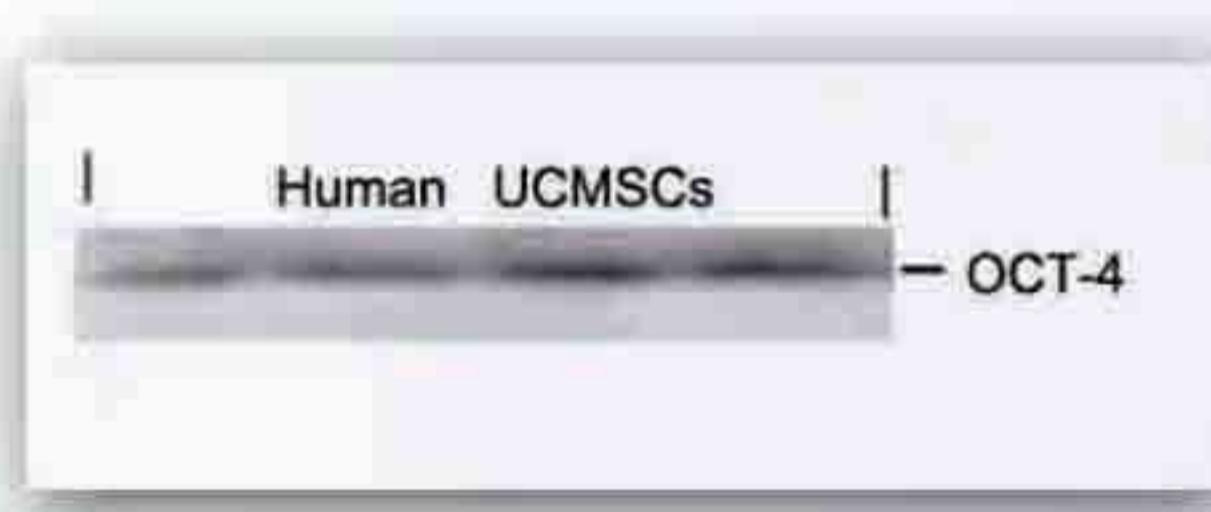
Cat. No.	Product name	Reactivity	Applications
21045	STAT3 (Ab-705) Antibody	Human Mouse Rat	WB IHC IF
21046	STAT3 (Ab-727) Antibody	Human Mouse Rat	WB IHC
21322	Smad2 (Ab-467) Antibody	Human Mouse Rat	WB IF
21323	Smad2 (Ab-220) Antibody	Human Mouse Rat	WB IHC
21324	Smad3 (Ab-208) Antibody	Human Mouse Rat	IHC IF
21325	Smad3 (Ab-425) Antibody	Human Mouse Rat	IHC IF
21423	Nanog Antibody	Human Mouse	WB
21424	OCT-4 Antibody	Human	WB
21425	SOX2 Antibody	Human Mouse	WB
21426	Lin28 Antibody	Human Mouse Rat	WB
21470	c-Myc Antibody	Human Mouse Rat	WB
21034	Myc (Ab-58) Antibody	Human Mouse Rat	WB IHC
21035	Myc (Ab-358) Antibody	Human Mouse Rat	WB IHC
21036	Myc (Ab-373) Antibody	Human Mouse Rat	WB
21473	E-Cadherin(CD324) Antibody	Human Mouse Rat	WB
21614	Integrin β 1 (CD29) Antibody	Human Mouse Rat	WB
21495	Fibrillarin Antibody	Human Mouse Rat	WB



21046

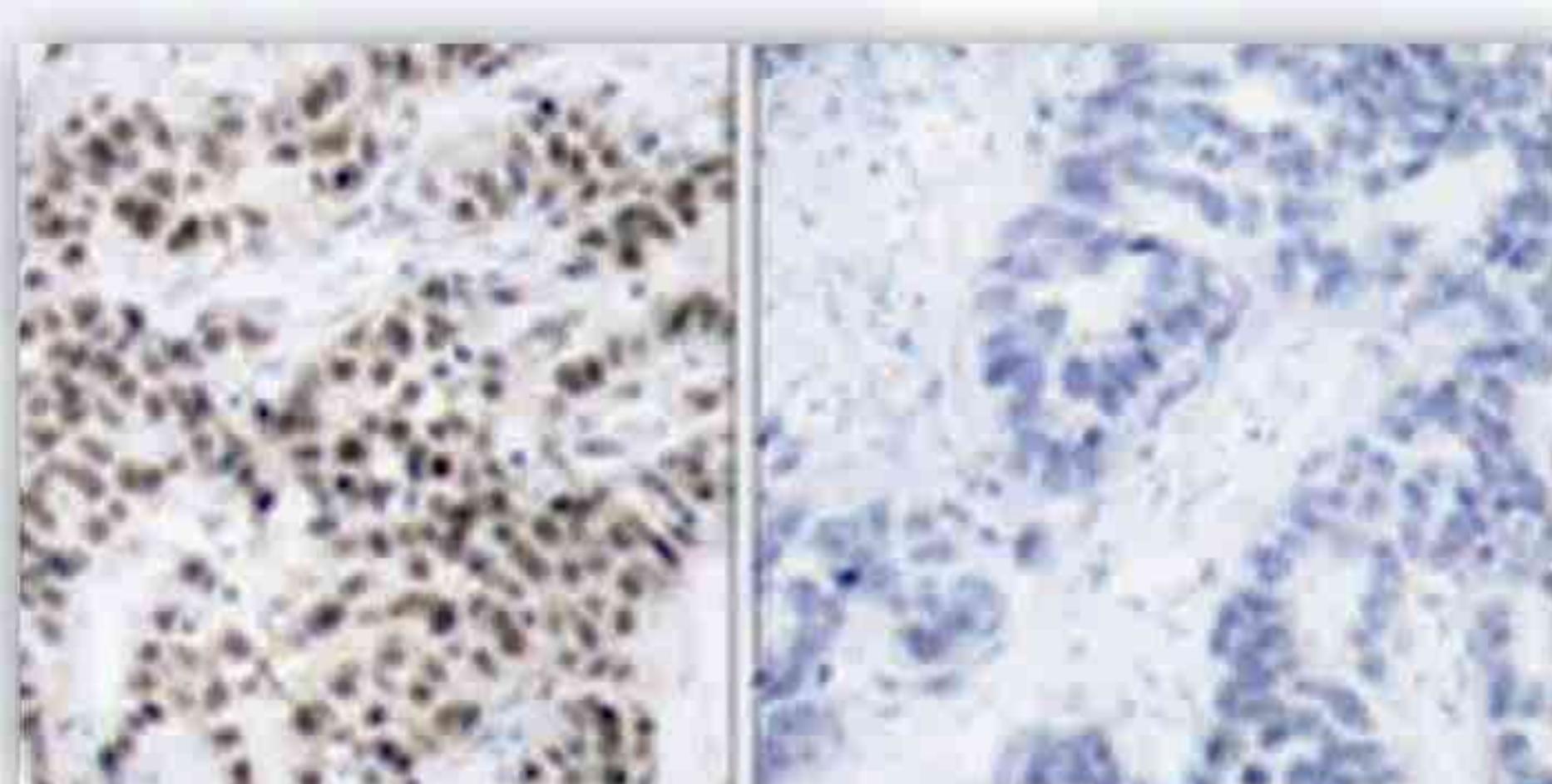


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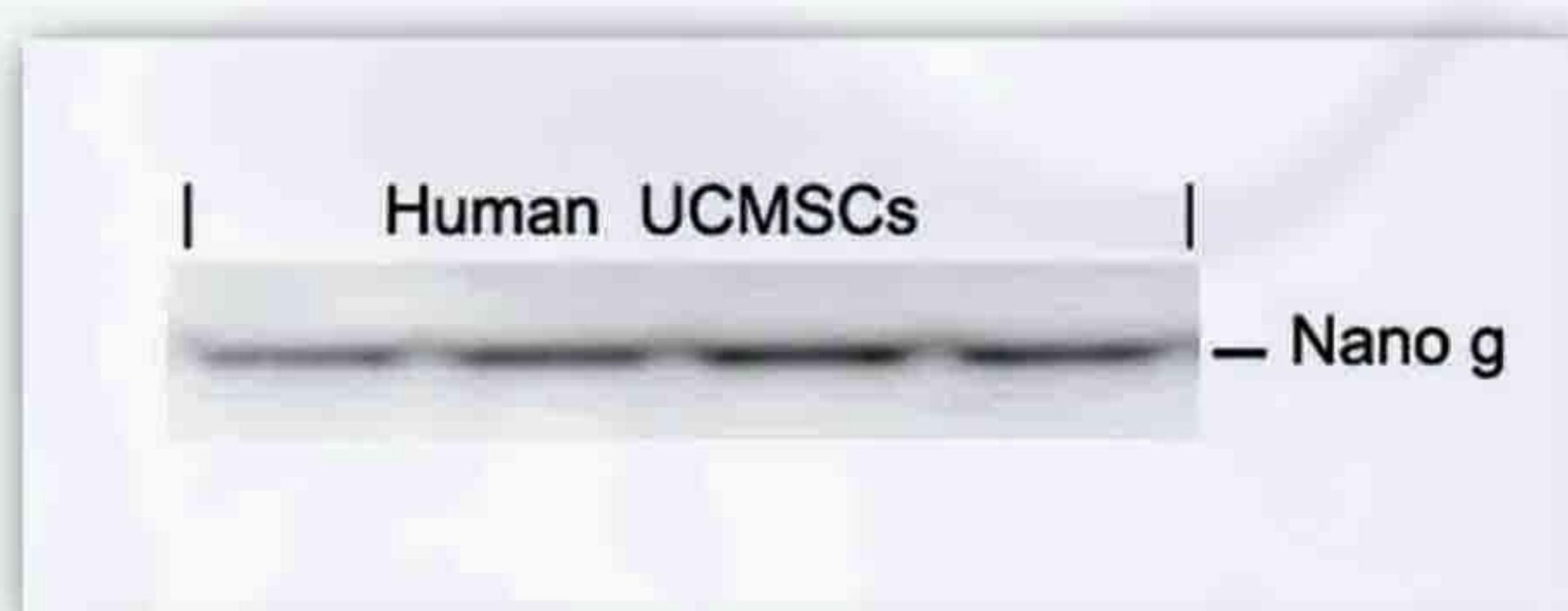


Induced Pluripotency (iPS)

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21423	Nanog Antibody	Human Mouse	WB
21424	OCT-4 Antibody	Human	WB
21425	SOX2 Antibody	Human Mouse	WB
21470	c-Myc Antibody	Human Mouse Rat	WB
21034	Myc (Ab-58) Antibody	Human Mouse Rat	WB IHC
21035	Myc (Ab-358) Antibody	Human Mouse Rat	WB IHC
21036	Myc (Ab-373) Antibody	Human Mouse Rat	WB



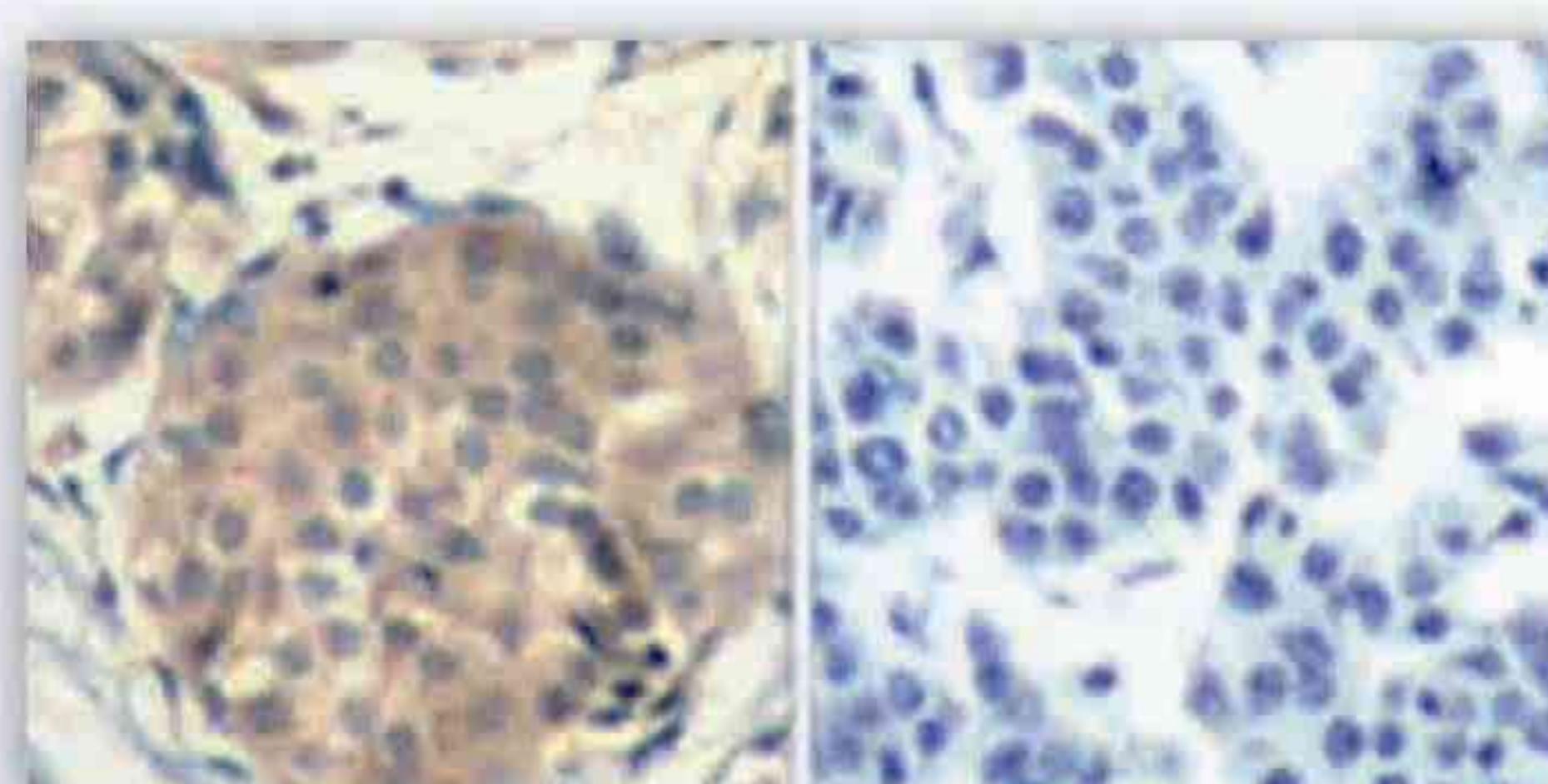
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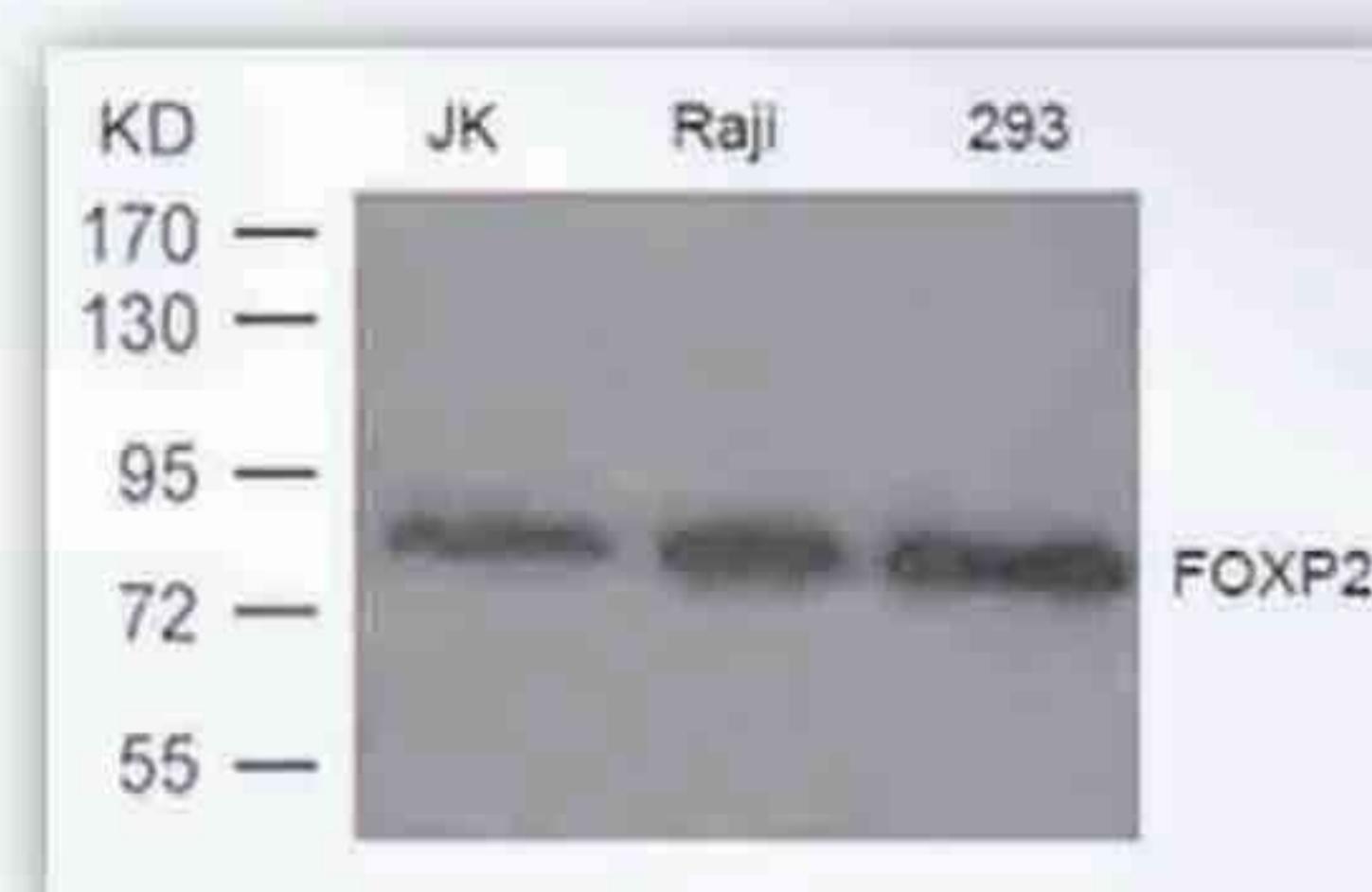
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Other Embryonic Stem Cells

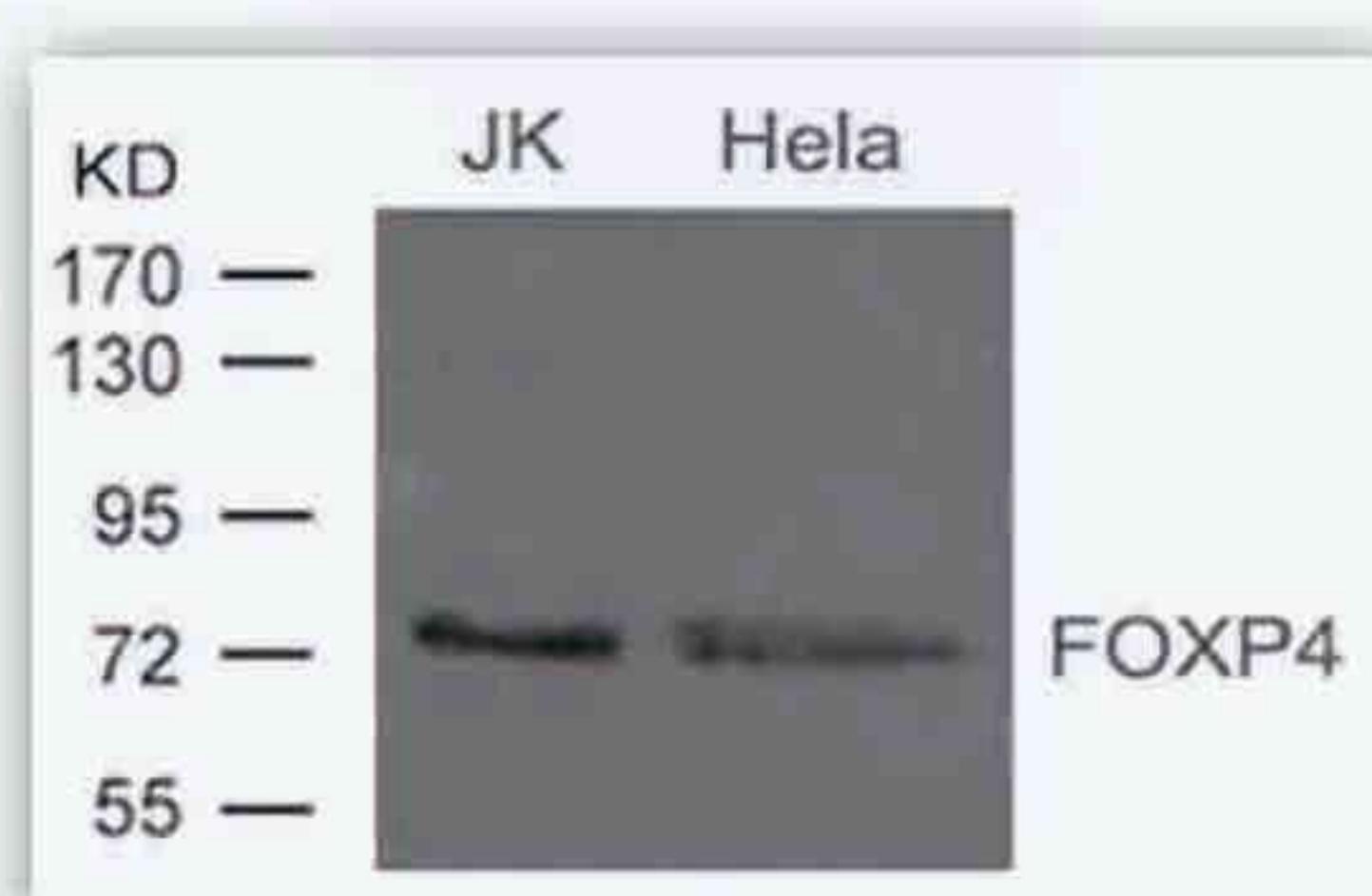
Cat. No.	Product name	Reactivity	Applications
21232	c-Kit (CD117)(Ab-721) Antibody	Human Mouse Rat	WB
21539	c-kit (CD117)(Ab-936) Antibody	Human	IHC
21608	FOXP2 Antibody	Human Mouse	WB
21609	FOXP4 Antibody	Human Mouse Rat	WB
21610	Foxj1 (HFH4) Antibody	Human	WB



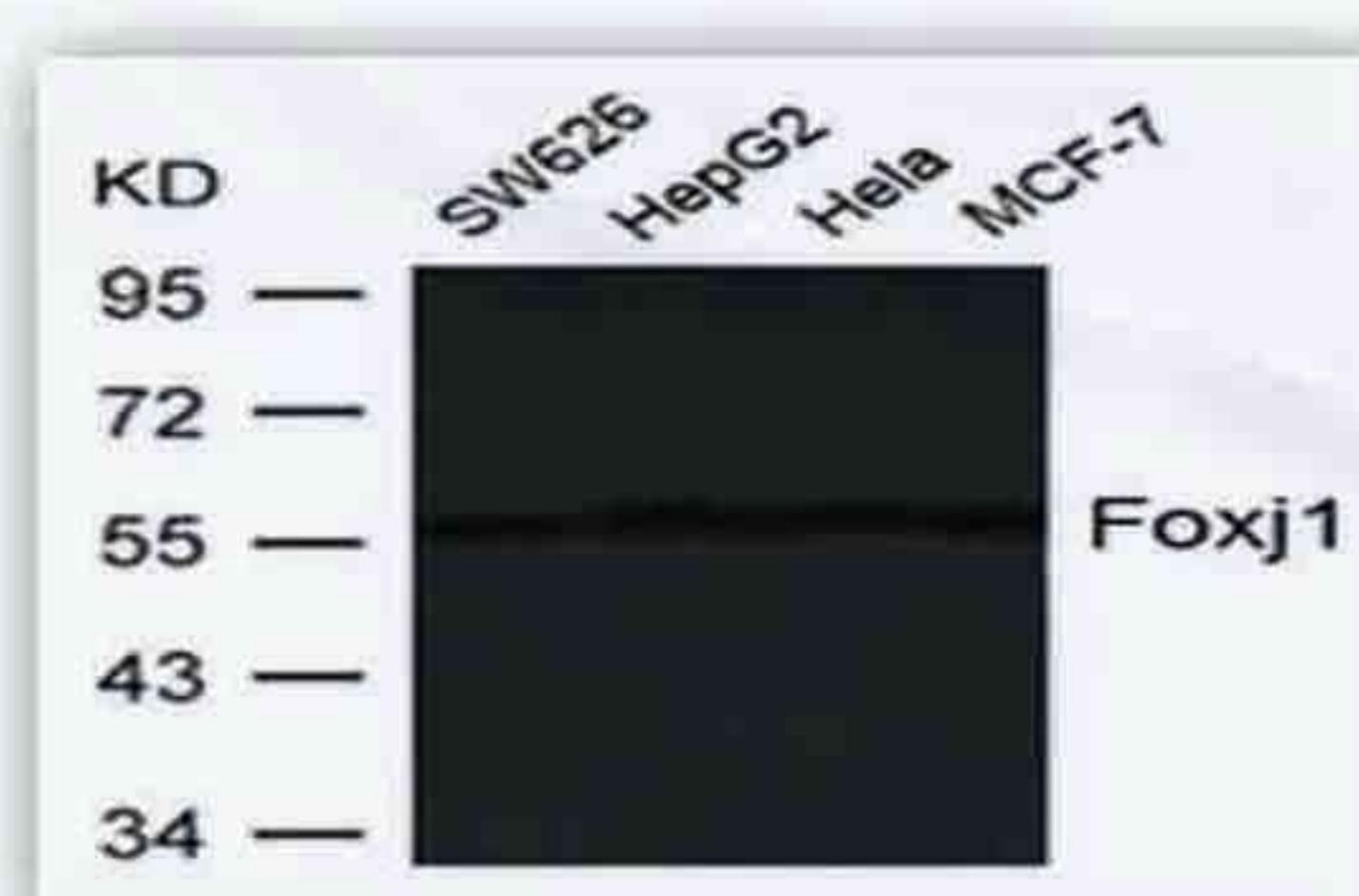
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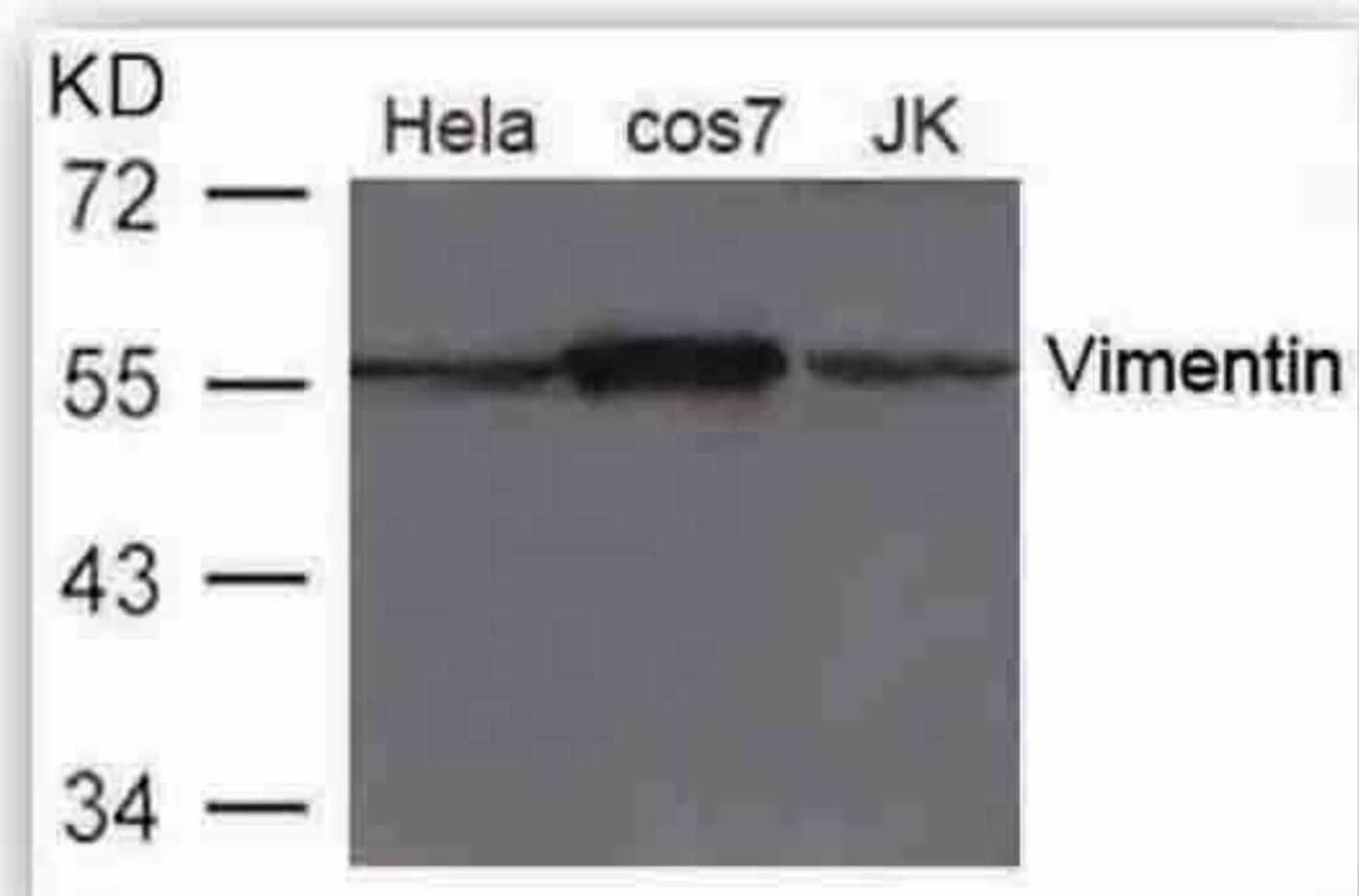


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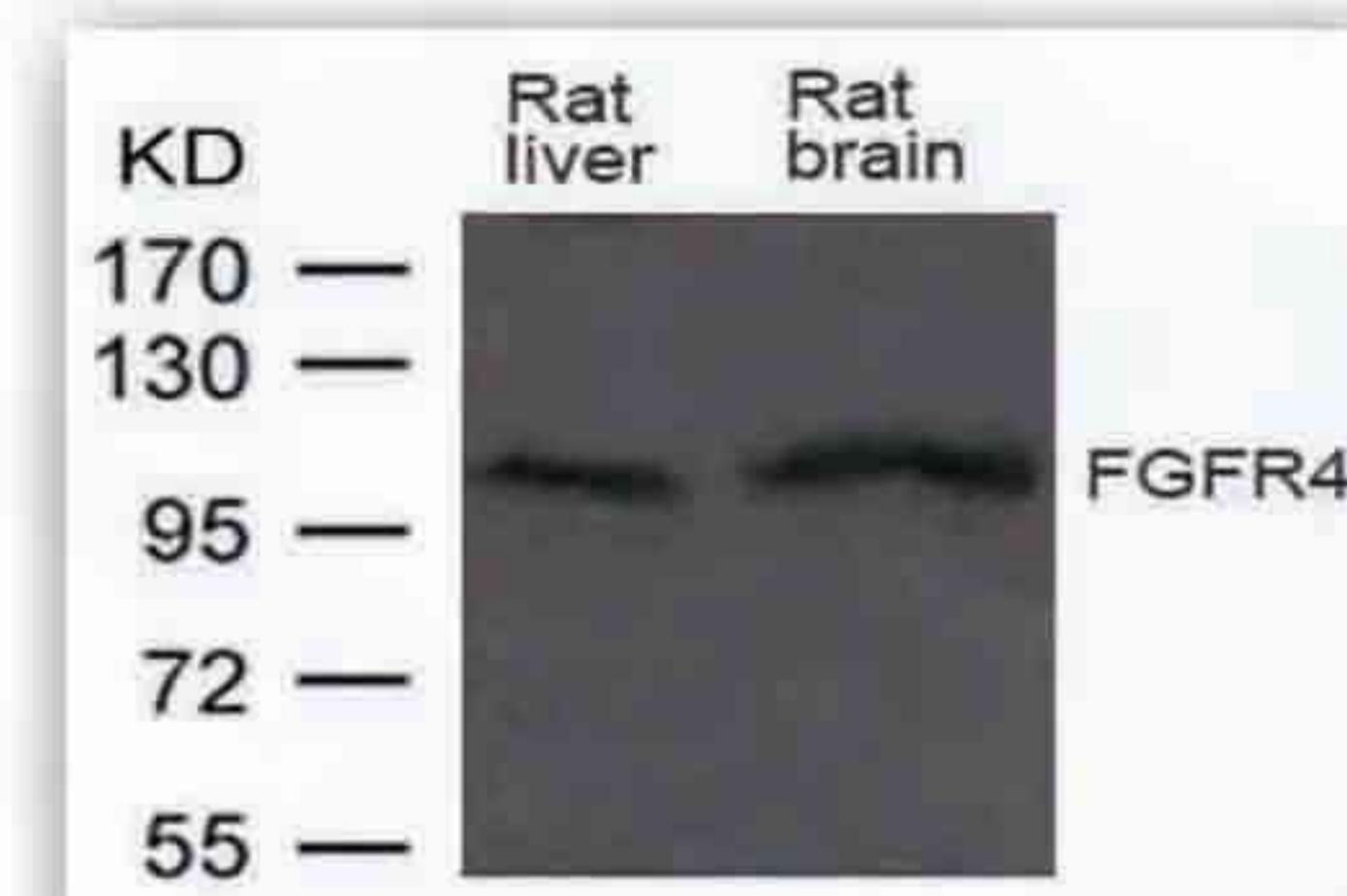
Ectoderm Markers

Neural Stem Cell Markers

Cat. No.	Product name	Reactivity	Applications
21425	SOX2 Antibody	Human Mouse	WB
21488	Vimentin Antibody	Human Mouse Rat	WB
21614	Integrin β1 (CD29) Antibody	Human Mouse Rat	WB
21106	ICAM-1 (CD54)(Ab-512) Antibody	Human Mouse Rat	WB
21606	FGF Receptor 4 (FGFR4)(CD334) Antibody	Human	WB



21488

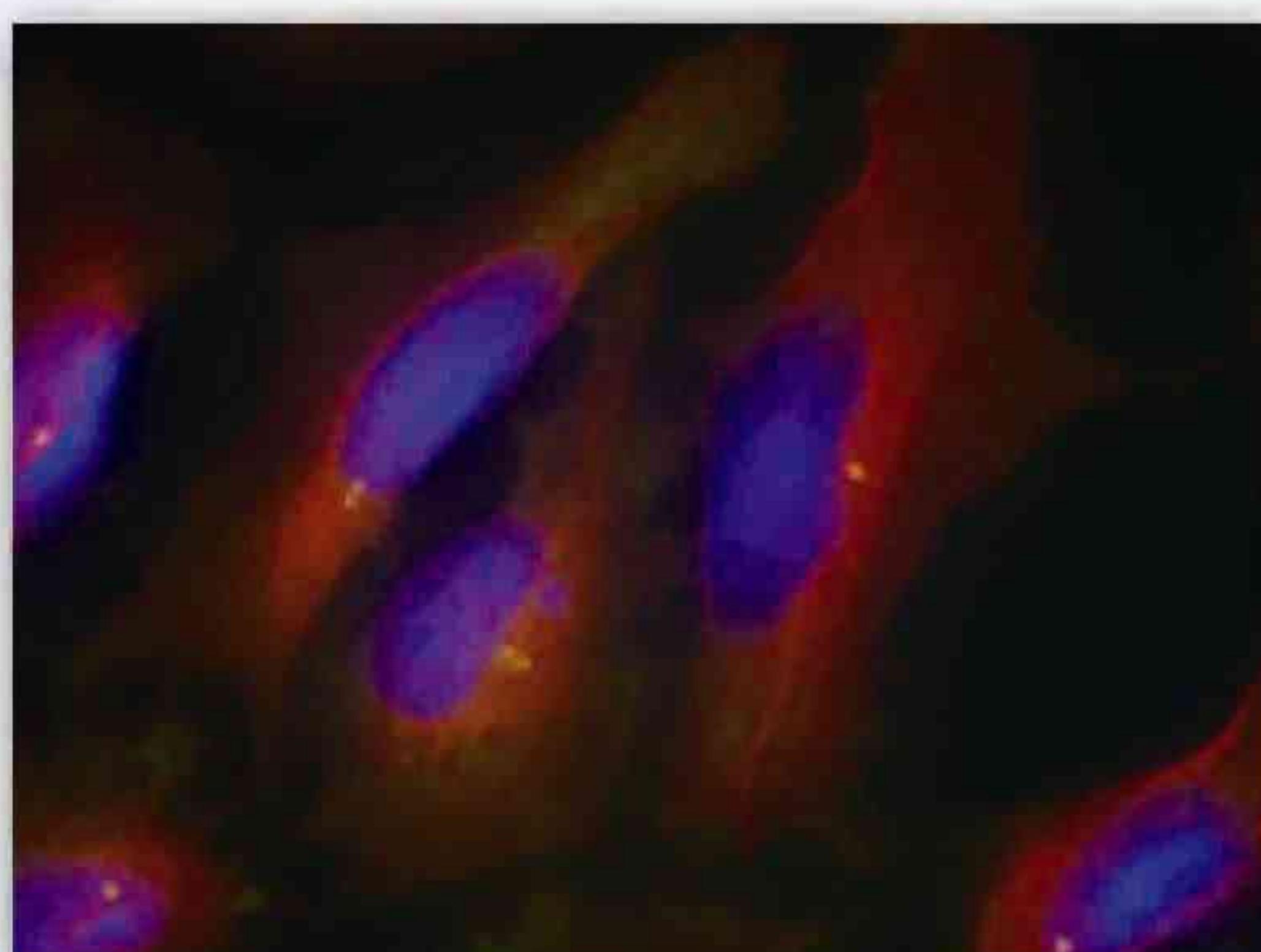


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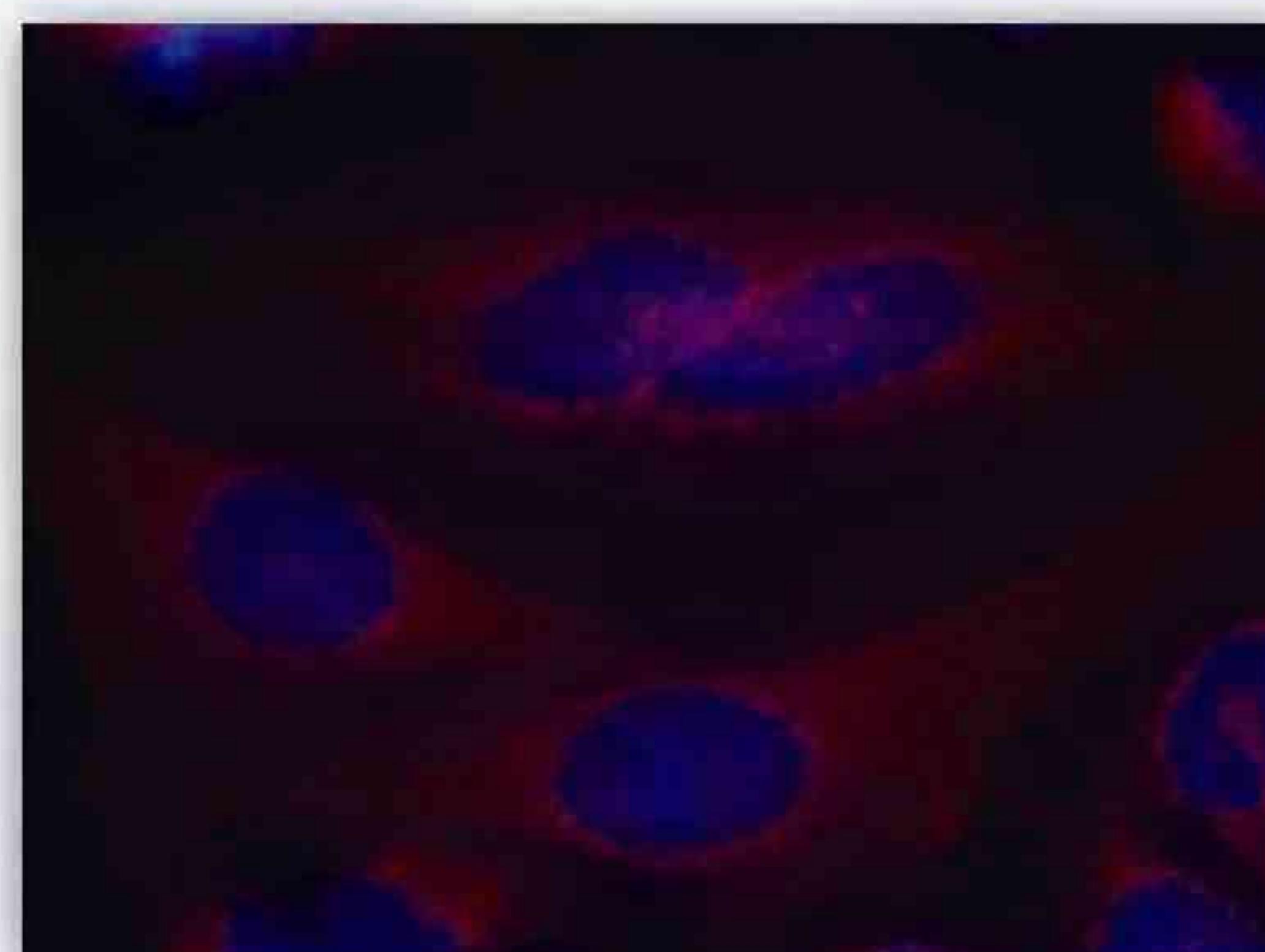
Neuronal Markers

Cat. No.	Product name	Reactivity	Applications
21183	α-Synuclein (Ab-129) Antibody	Human Mouse Rat	WB
21468	CD56(NCAM) Antibody	Human Mouse	WB
21284	Glutamate receptor 2 (Precursor) (Ab-880) Antibody	Human Mouse Rat	WB
21474	N-Cadherin(CD325) Antibody	Human Mouse Rat	WB
21259	synapsin (Ab-9) Antibody	Human	WB
21452	synaptophysin 2 Antibody	Rat	WB
21292	Synaptotagmin (Ab-309) Antibody	Human Mouse Rat	WB IF
21293	Synaptotagmin 1/2 (Ab-202/199) Antibody	Human Mouse Rat	WB IF
21570	Tau Antibody	Rat	WB
21328	TrkB (Ab-705) Antibody	Human Mouse Rat	WB
21488	Vimentin Antibody	Human Mouse Rat	WB
21294	Tyrosine Hydroxylase (Ab-31) Antibody	Mouse Rat	WB
21248	α-Synuclein (Ab-125) Antibody	Human	WB
21277	α-Synuclein (Ab-133) Antibody	Human Mouse Rat	WB IF
21278	α-Synuclein (Ab-136) Antibody	Mouse Rat	WB IF
21092	Tau (Ab-356) Antibody	Human Mouse Rat	IF
21093	Tau (Ab-396) Antibody	Human Mouse Rat	WB IHC
21095	Tau (Ab-235) Antibody	Human Mouse Rat	WB
21096	Tau (Ab-181) Antibody	Human Mouse Rat	WB
21097	Tau (Ab-205) Antibody	Human Mouse	WB
21098	Tau (Ab-214) Antibody	Human Mouse Rat	IF
21099	Tau (Ab-231) Antibody	Human Mouse Rat	WB IHC
21100	Tau (Ab-262) Antibody	Human Mouse Rat	WB
21101	Tau (Ab-404) Antibody	Human Mouse Rat	WB

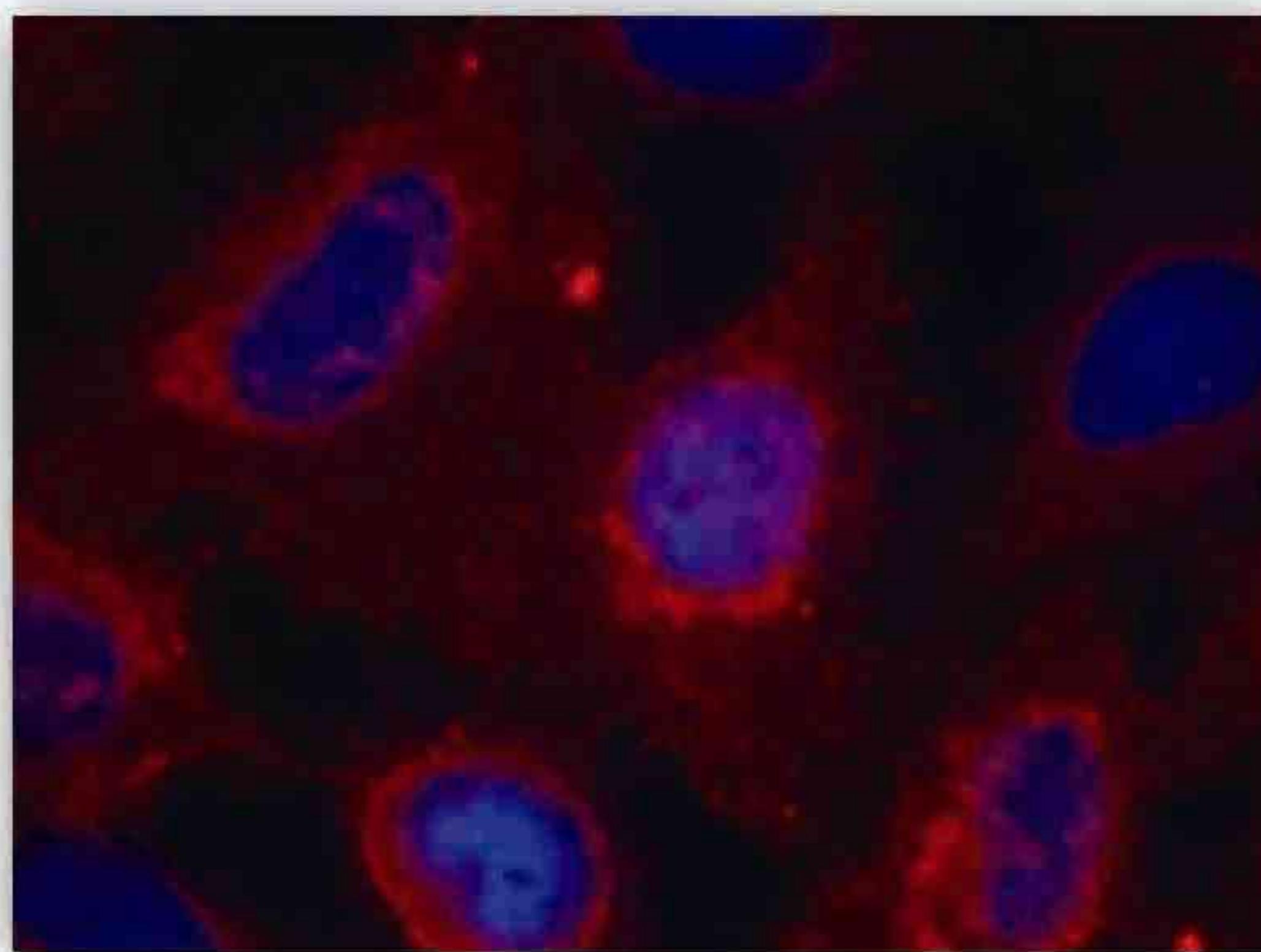
Cat. No.	Product name	Reactivity	Applications
21249	Tau (Ab-212) Antibody	Human Mouse Rat	WB
21262	Tau (Ab-422) Antibody	Human Mouse Rat	WB
21449	GRASP Antibody	Human Mouse Rat	WB
21475	REST Antibody	Human	WB
21484	Peripherin 2 Antibody	Human	WB
21485	GFAP Antibody	Human Rat	WB
21487	NSE Antibody	Human Mouse	WB
21611	GAD65 (GAD2) Antibody	Human Mouse Rat	WB
21259	synapsin (Ab-9) Antibody	Human	WB
21326	TrkA (Ab-791) Antibody	Human	IF
21253	GluR1 (Ab-849) Antibody	Human Mouse Rat	WB
21254	GluR1 (Ab-863) Antibody	Human Mouse Rat	IF
21575	GluR1 Antibody	Human Mouse Rat	WB



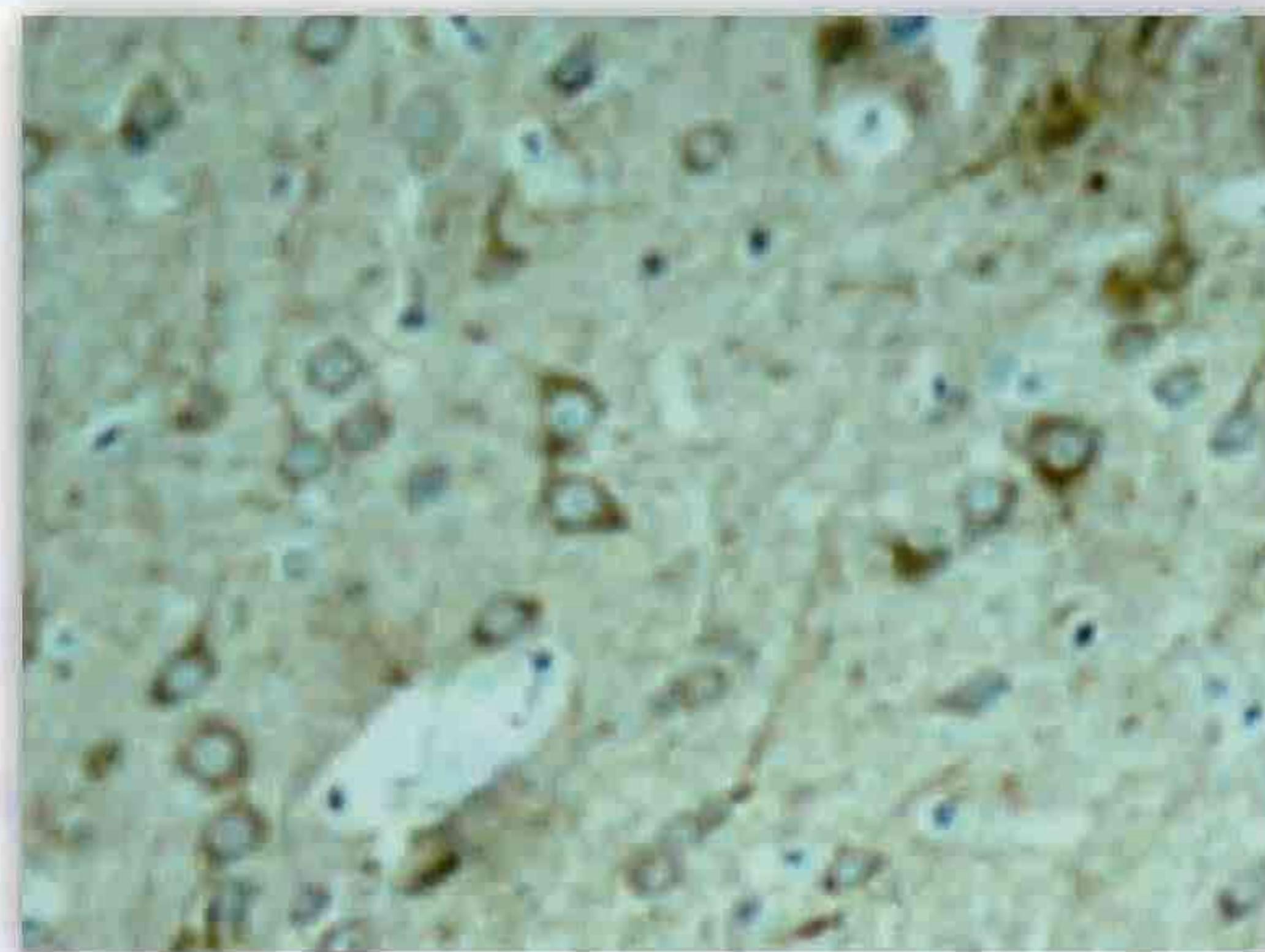
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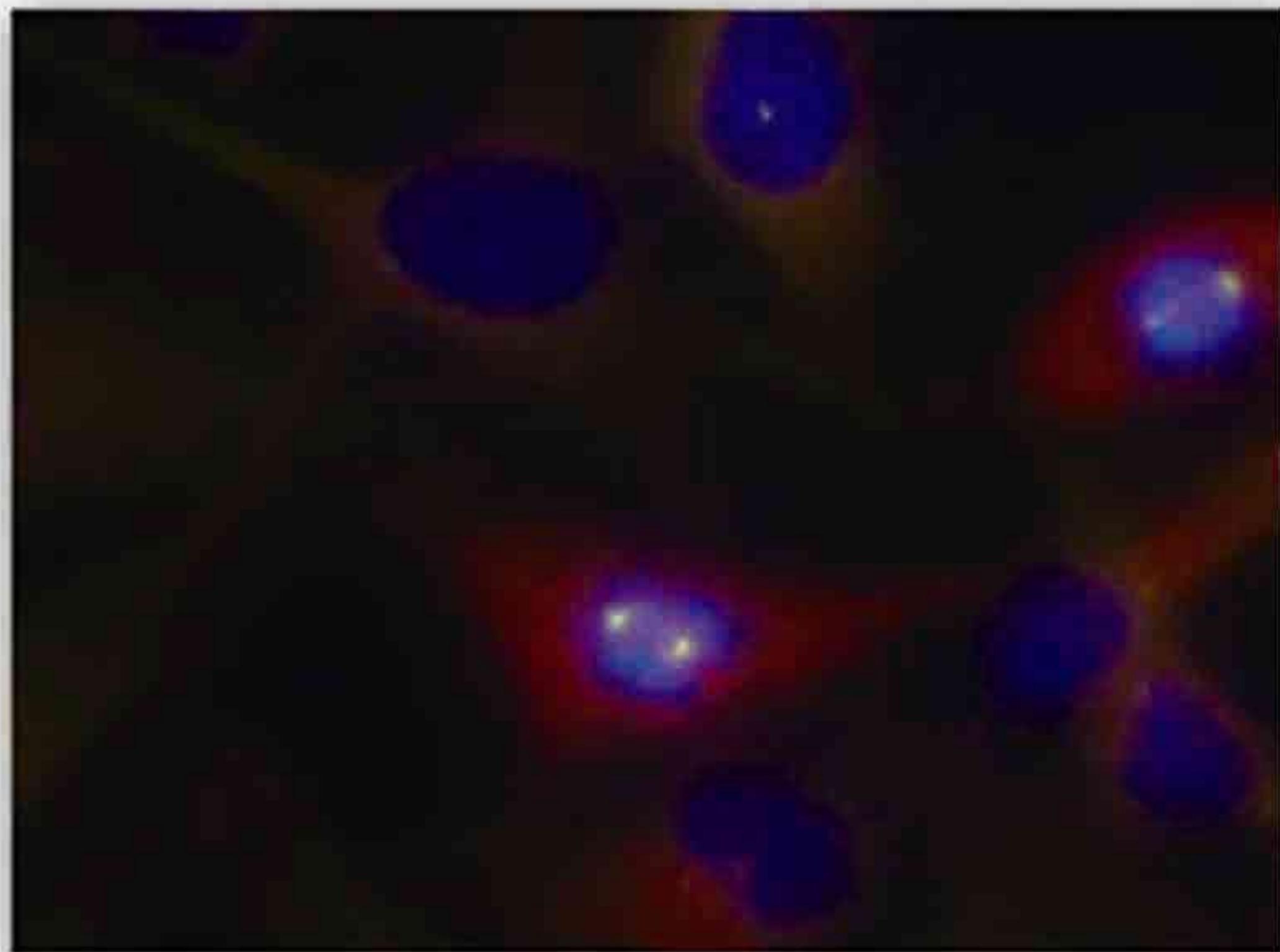
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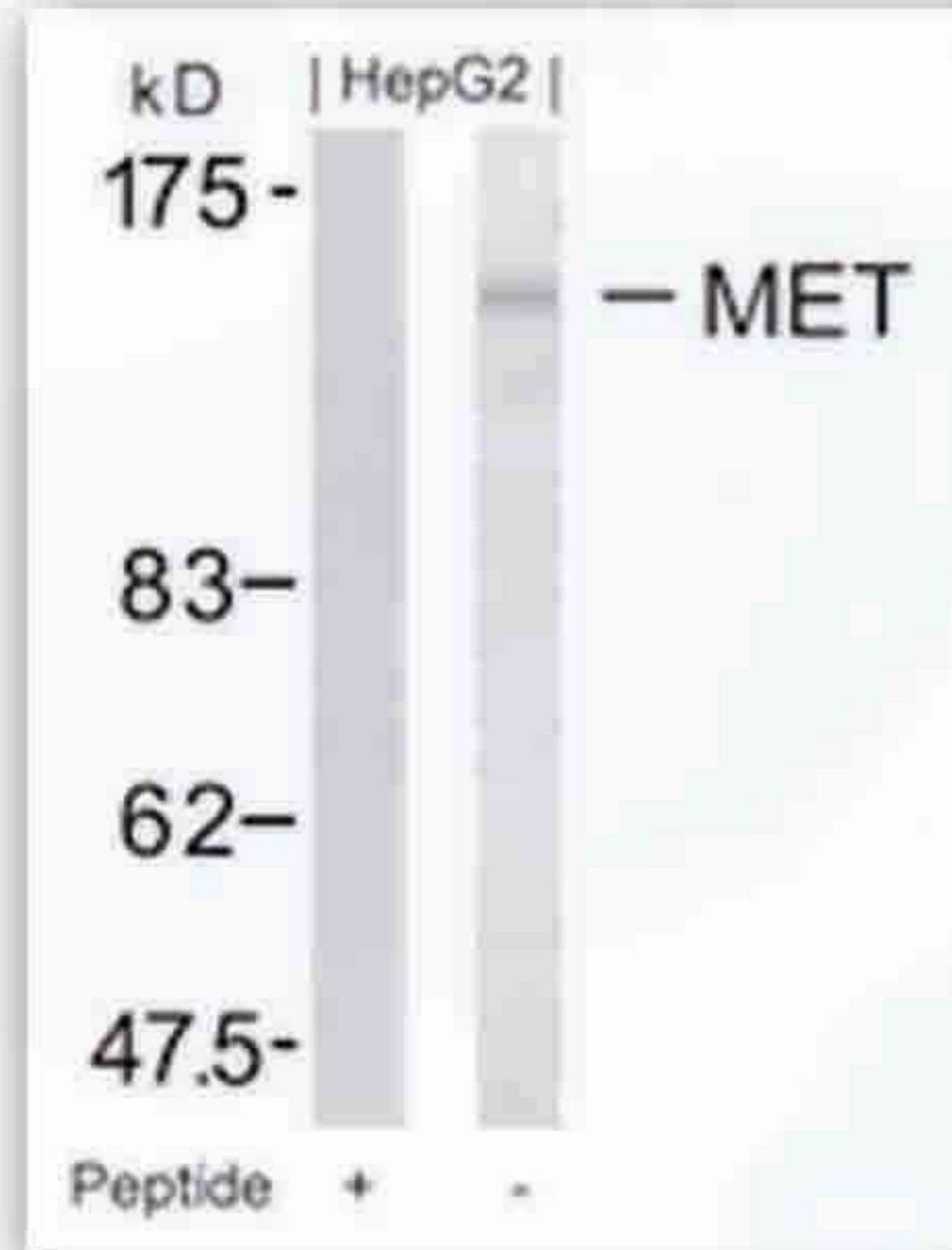
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Endoderm Markers

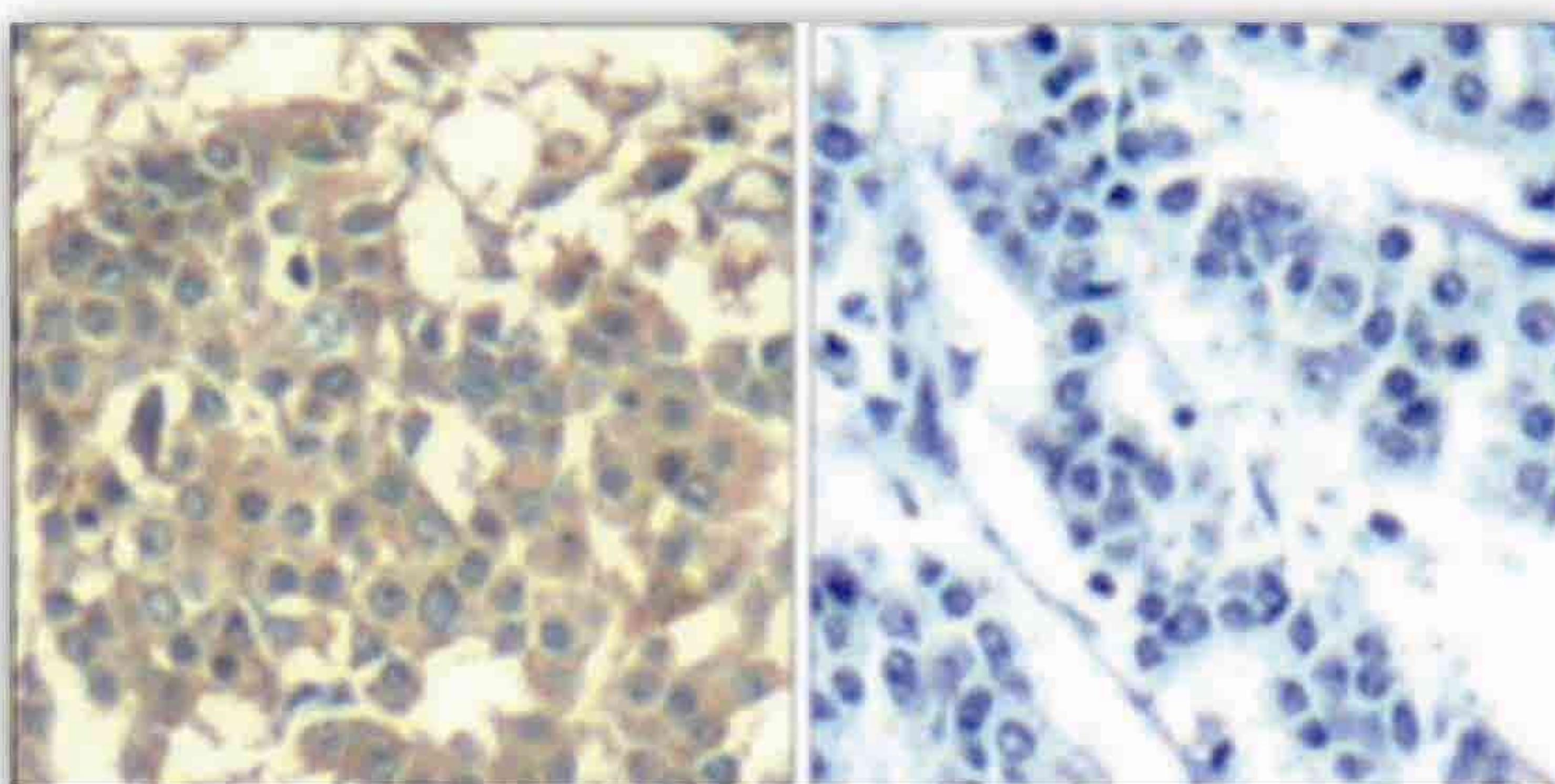
Cat. No.	Product name	Reactivity	Applications
21520	β -Catenin (Ab-654) Antibody	Human Mouse Rat	WB
21574	β -catenin Antibody	Human	WB
21211	β -Catenin (Ab-33) Antibody	Human Mouse Rat	WB IHC IF
21212	β -Catenin (Ab-37) Antibody	Human Mouse Rat	WB IHC IF
21103	β -Catenin (Ab-41/45) Antibody	Human	WB
21496	GATA-4 Antibody	Human Mouse Rat	WB
21474	N-Cadherin(CD325) Antibody	Human Mouse Rat	WB
21614	Integrin β 1 (CD29) Antibody	Human Mouse Rat	WB
21452	synaptophysin 2 Antibody	Rat	WB
21611	GAD65 (GAD2) Antibody	Human Mouse Rat	WB
21220	Met (Ab 234) Antibody	Human Mouse Rat	WB
21230	Met (Ab 349) Antibody	Human Mouse Rat	WB
21548	Met (Ab 003) Antibody	Human Mouse Rat	IHC
21624	GAD67(GAD1) Antibody	Human Mouse Rat	WB



21488



21230

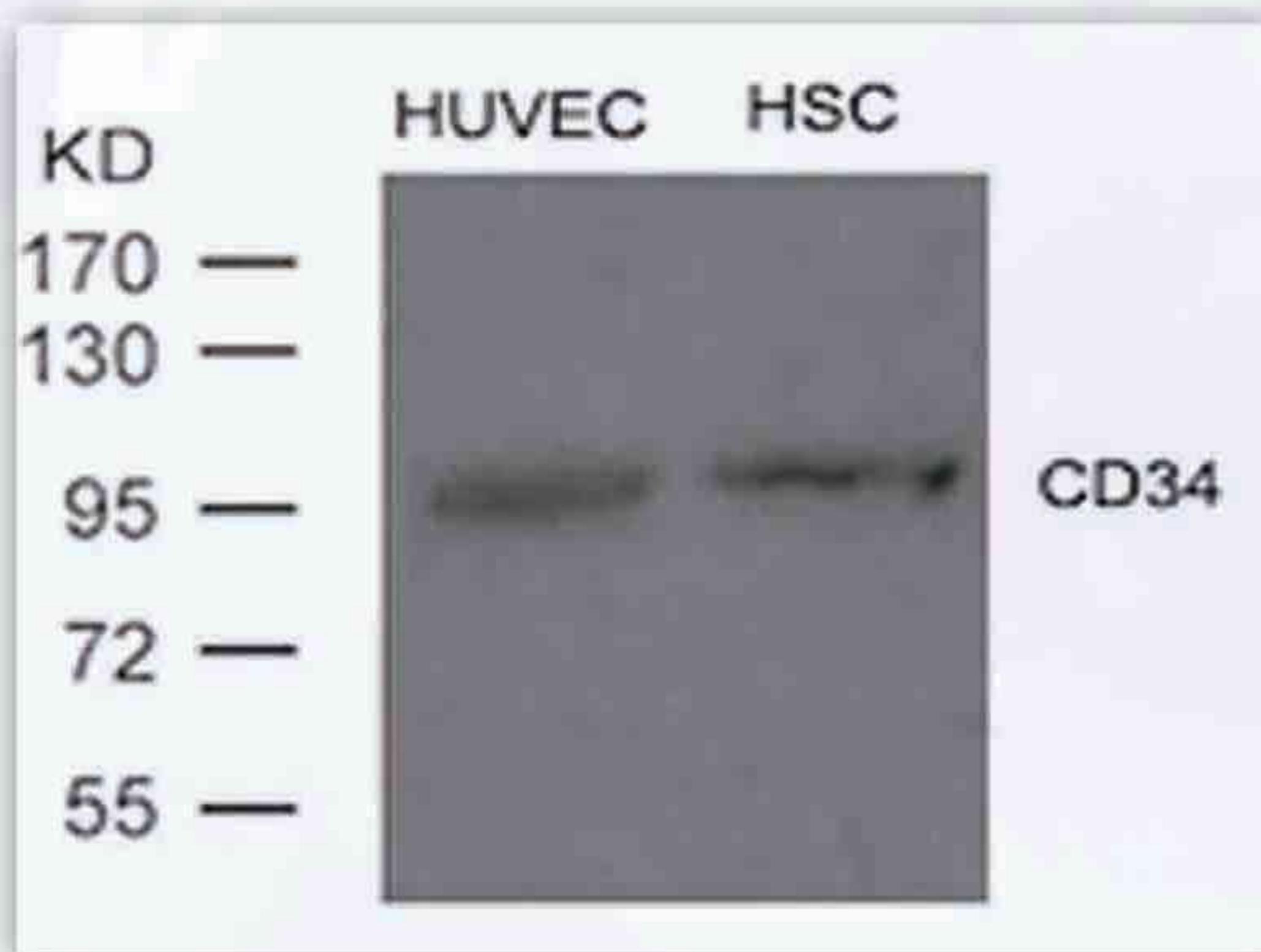


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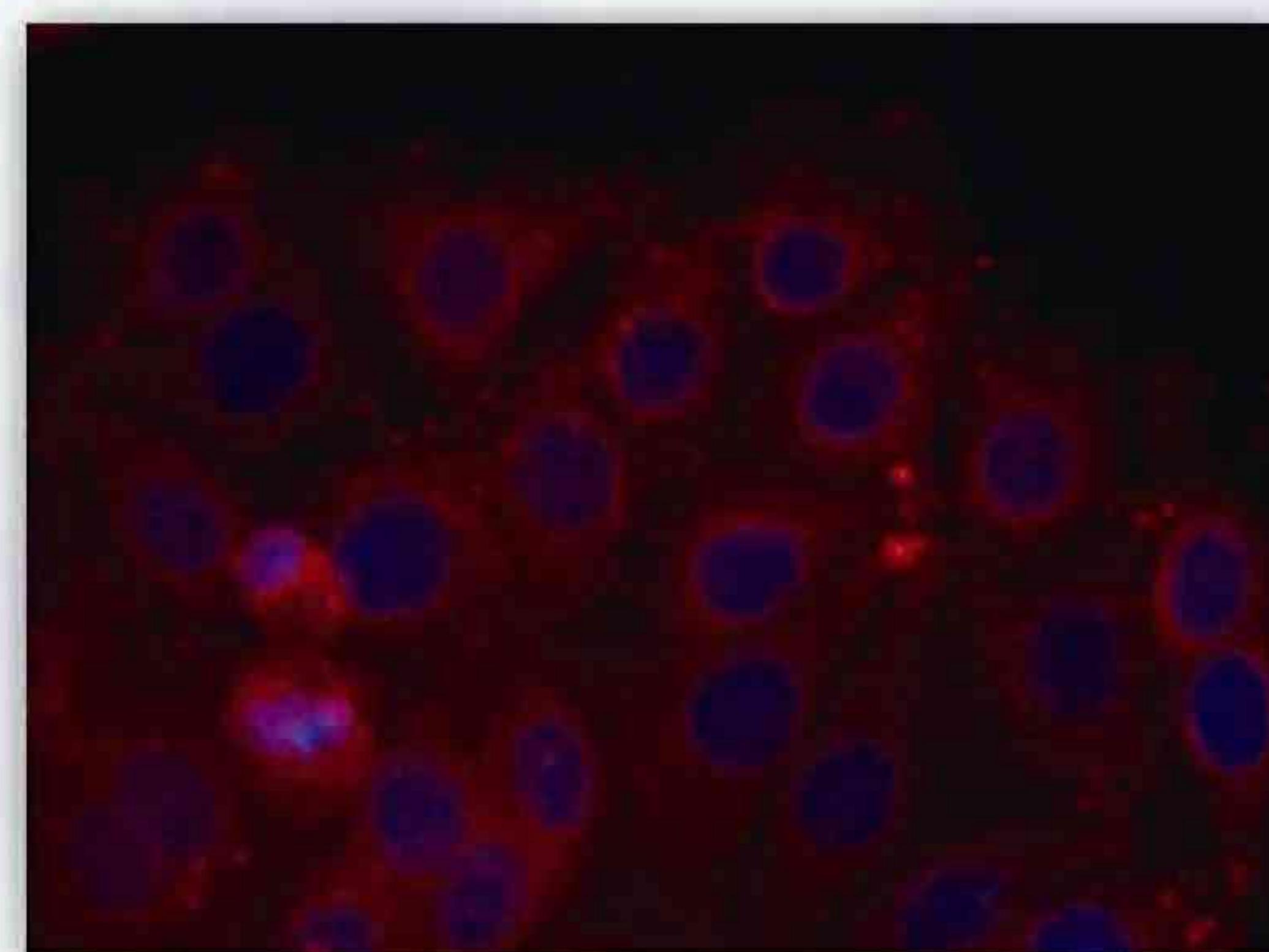
Mesoderm Markers

Mesenchymal Stem Cell Markers

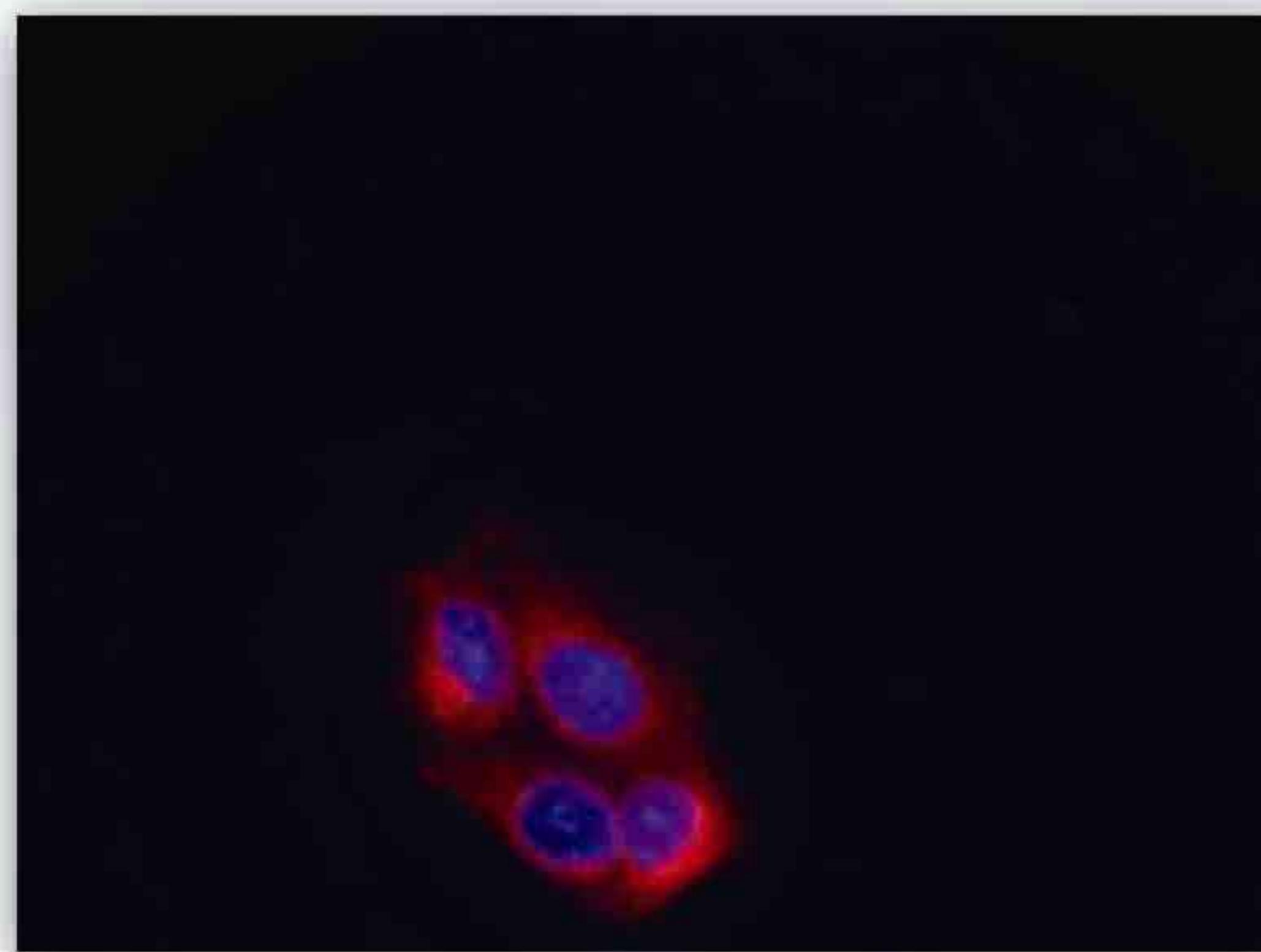
Cat. No.	Product name	Reactivity	Applications
21232	c-Kit (CD117)(Ab-721) Antibody	Human Mouse Rat	WB
21468	CD56(NCAM) Antibody	Human Mouse	WB
21469	CD34 Antibody	Human Mouse Rat	WB
21481	CD31(PECAM1) Antibody	Human	WB
21488	Vimentin Antibody	Human Mouse Rat	WB
21490	CD10 Antibody	Human	WB
21539	c-kit (CD117)(Ab-936) Antibody	Human	IHC
21614	Integrin β 1 (CD29) Antibody	Human Mouse Rat	WB
21124	MyoD (Ab-200) Antibody	Human Mouse Rat	WB
21106	ICAM-1 (CD54)(Ab-512) Antibody	Human Mouse Rat	WB
21077	VEGFR2 (CD309)(Ab 175) Antibody	Human Mouse Rat	IHC IF
21078	VEGFR2 (CD309)(Ab 214) Antibody	Human Mouse Rat	IHC IF
21079	VEGFR2 (CD309)(Ab-951) Antibody	Human Mouse Rat	WB IHC IF
21531	VEGFR2 (CD309)(Ab-1059) Antibody	Human, Mouse	WB
21604	FABP4 Antibody	Human Mouse Rat	WB



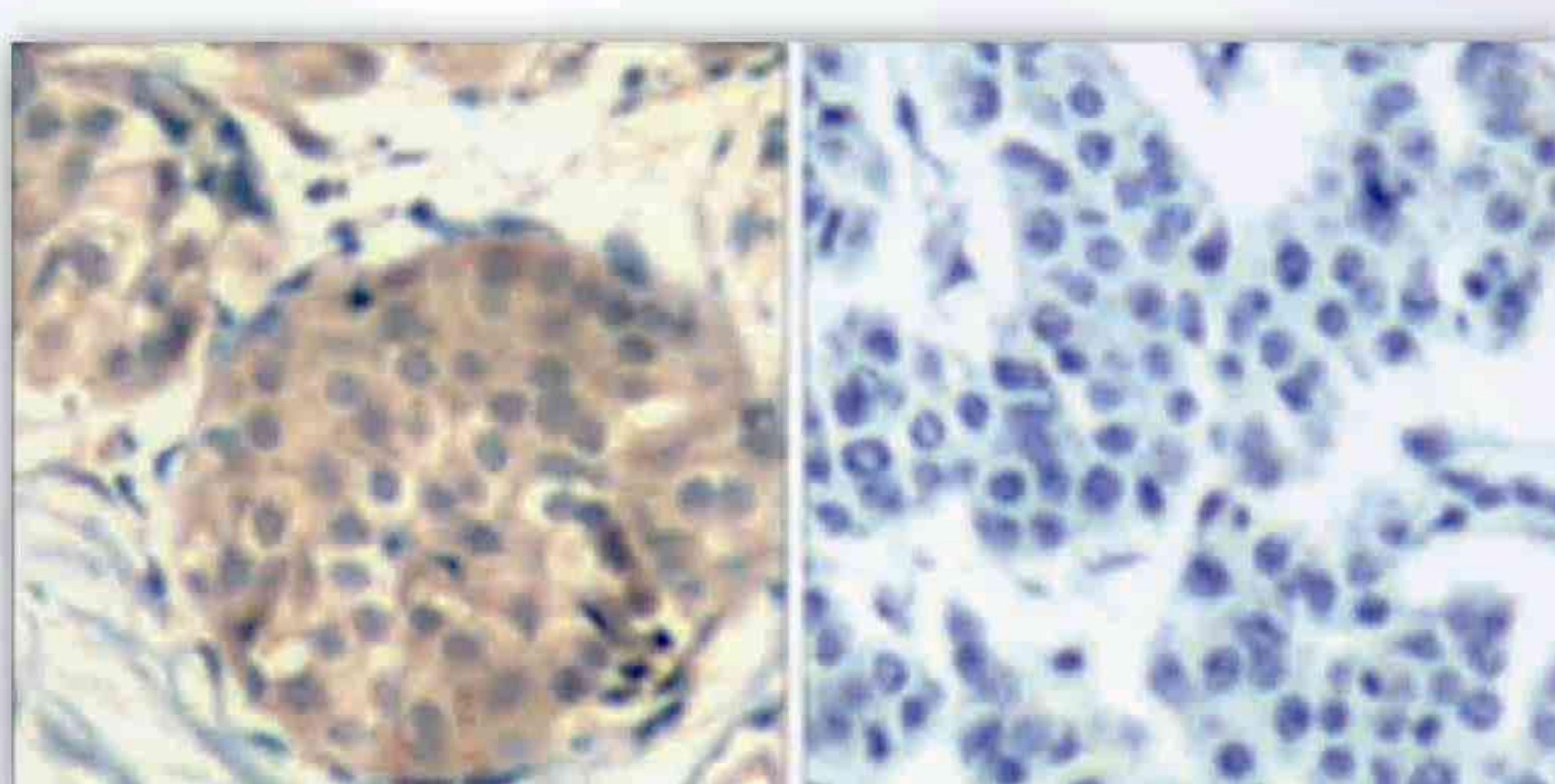
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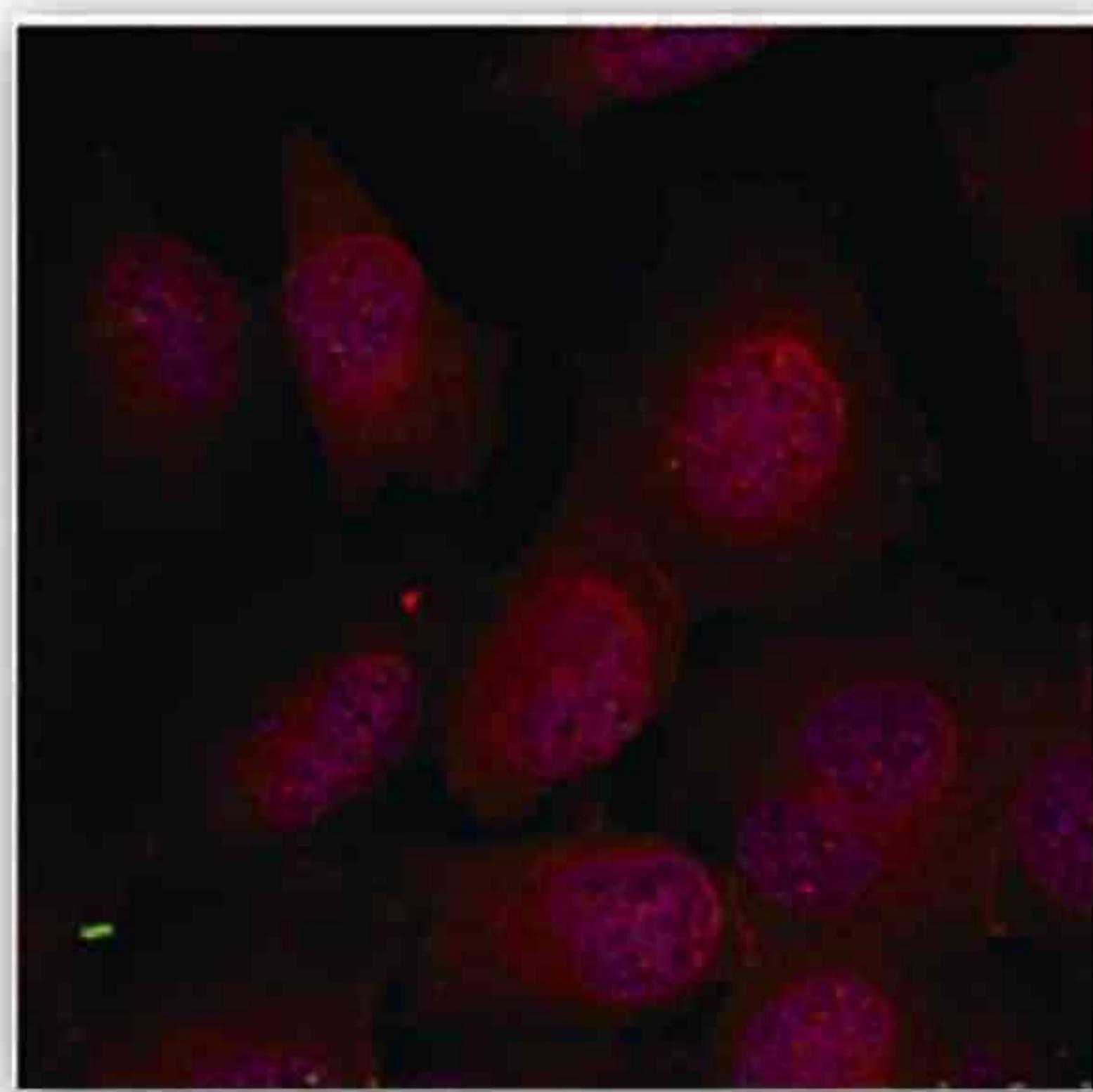
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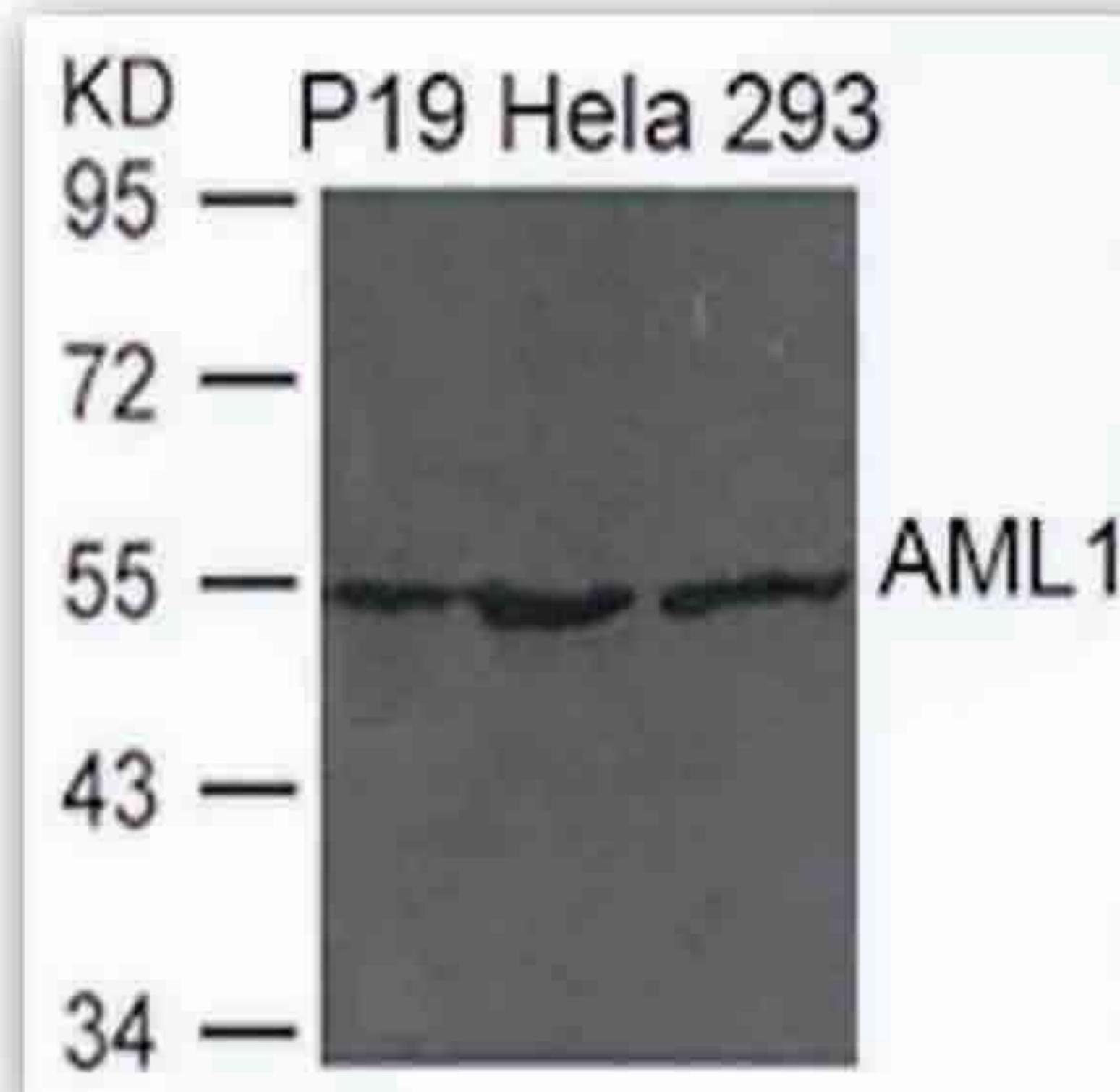
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Hemangioblast Markers&Hematopoietic Stem Cell Markers

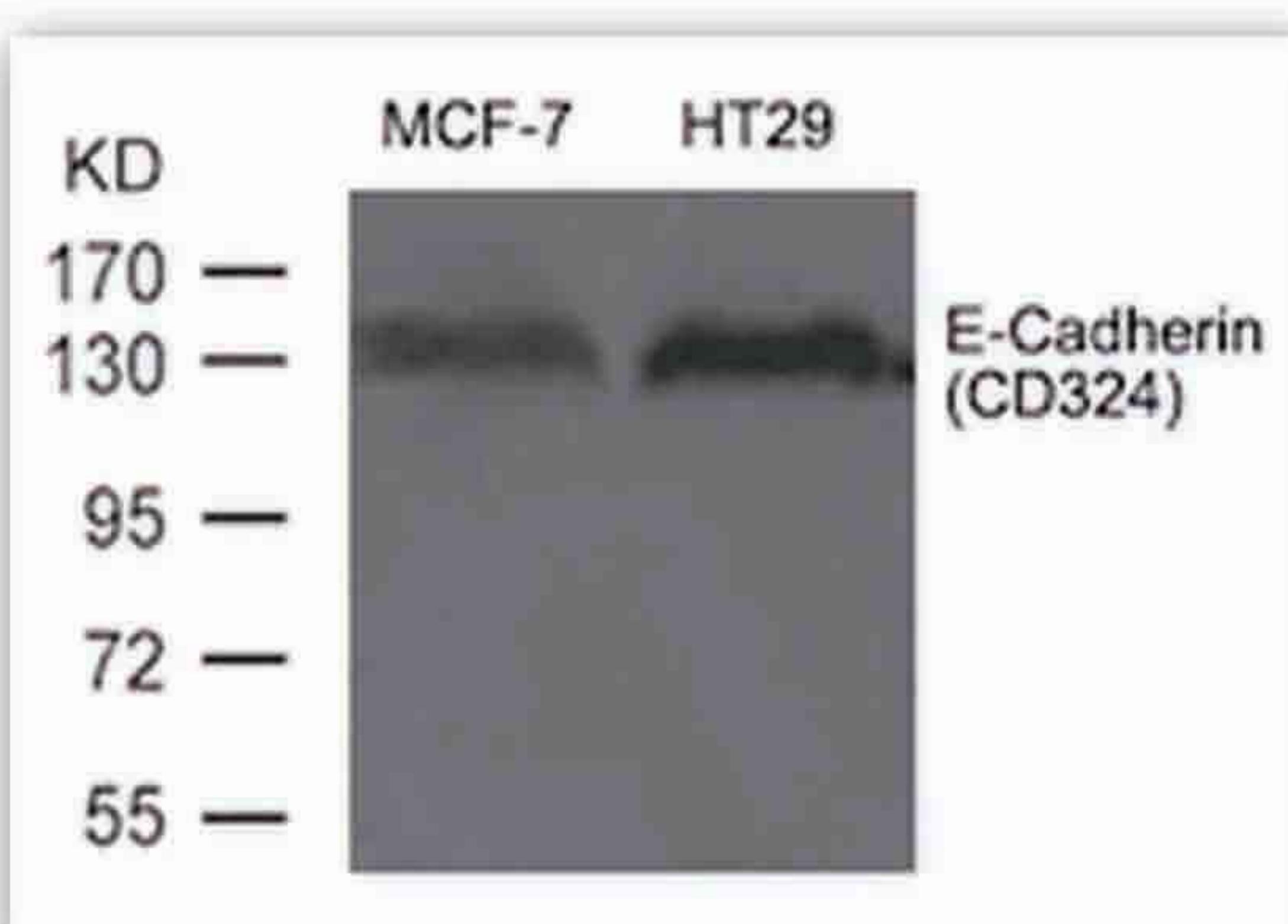
Cat. No.	Product name	Reactivity	Applications
21232	c-Kit (CD117)(Ab-721) Antibody	Human Mouse Rat	WB
21468	CD56(NCAM) Antibody	Human Mouse	WB
21469	CD34 Antibody	Human Mouse Rat	WB
21478	CD133(Prominin-1) Antibody	Human Mouse Rat	WB
21473	E-Cadherin(CD324) Antibody	Human Mouse Rat	WB
21474	N-Cadherin(CD325) Antibody	Human Mouse Rat	WB
21481	CD31(PECAM1) Antibody	Human	WB
21490	CD10 Antibody	Human	WB
21539	c-kit (CD117)(Ab-936) Antibody	Human	IHC
21472	CD201(EPCR) Antibody	Human	WB
21041	GATA1 (Ab 42) Antibody	Human Mouse Rat	WB IHC IF
21042	GATA1 (Ab-310) Antibody	Human Mouse	WB
21477	AML1(RUNX1) Antibody	Human Mouse Rat	WB
21480	ERG Antibody	Human Mouse Rat	WB
21497	ASH2L Antibody	Human Mouse Rat	WB



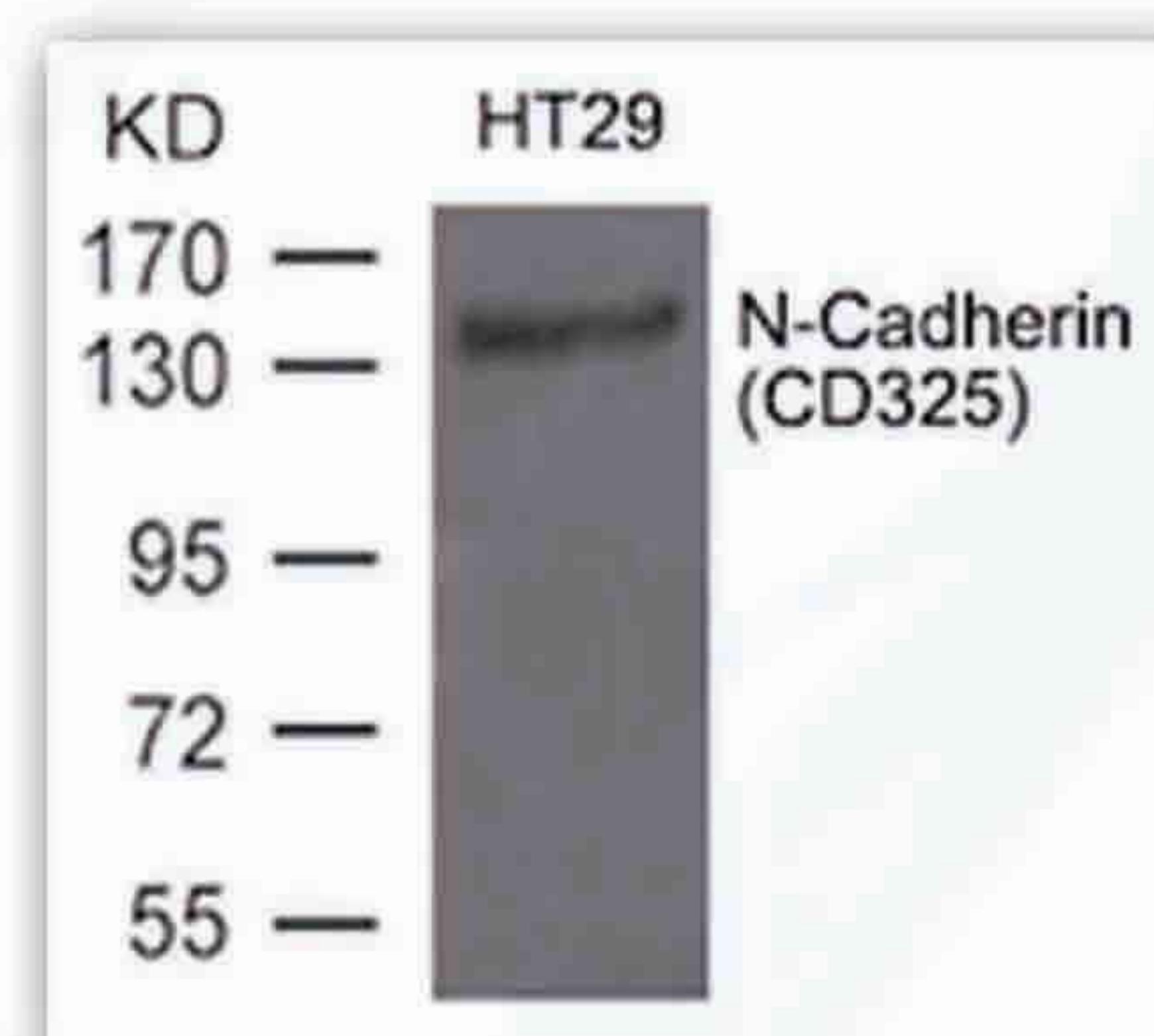
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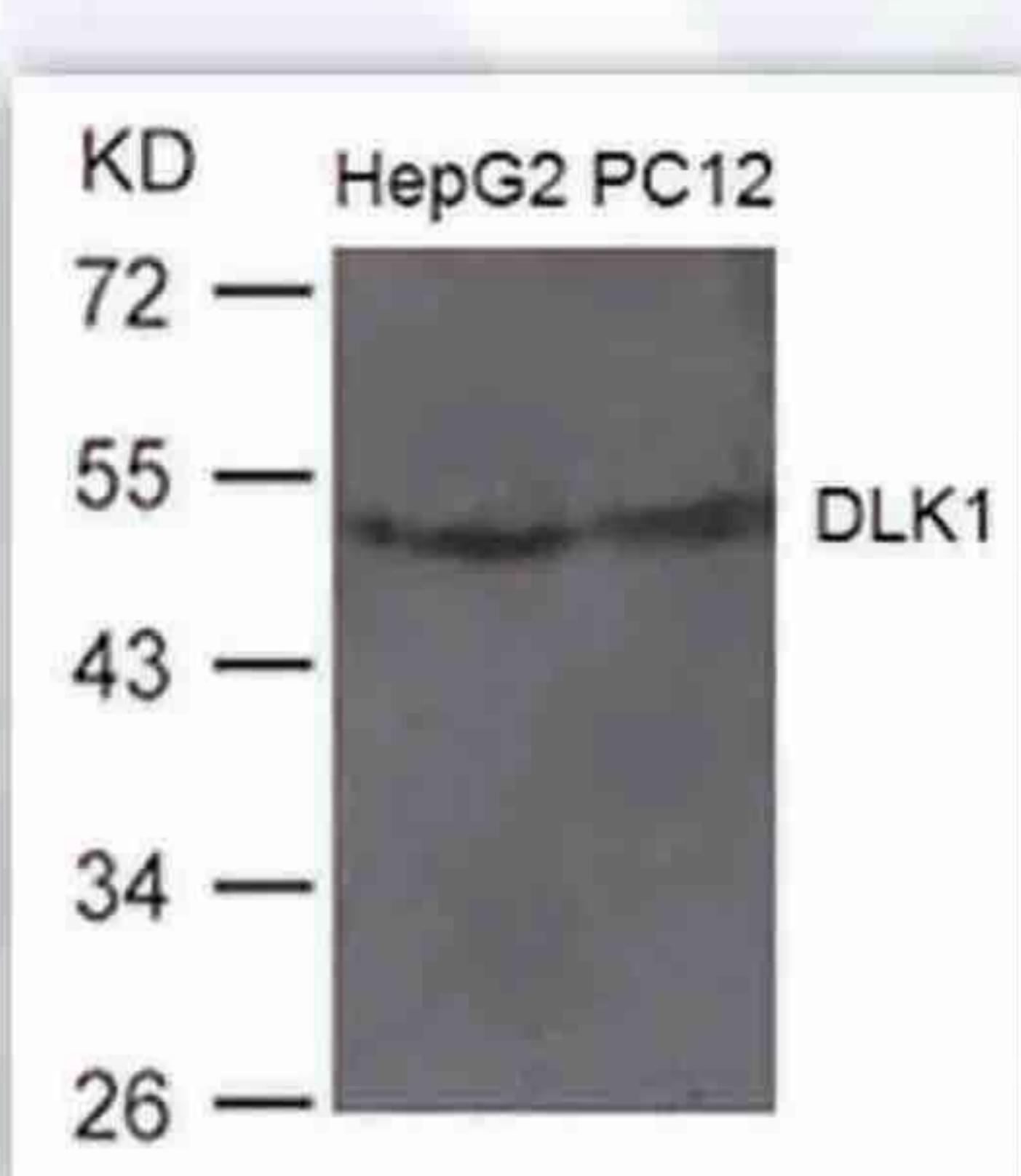
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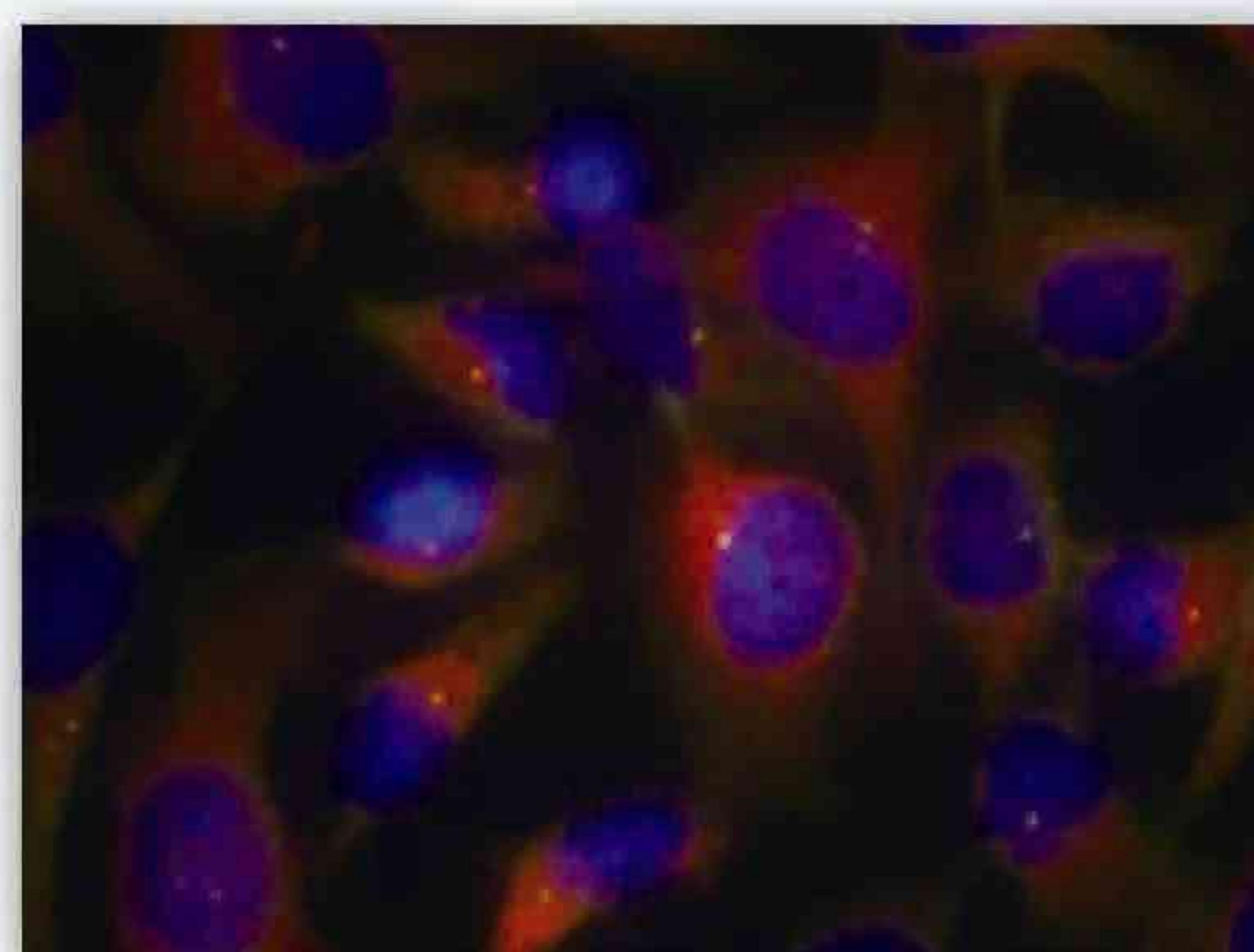
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Mesenchymal Stem Cell Differentiation Markers

Cat. No.	Product name	Reactivity	Applications
21124	MyoD (Ab-200) Antibody	Human Mouse Rat	WB
21471	CD44 Antibody	Human Rat	WB
21474	N-Cadherin(CD325) Antibody	Human Mouse Rat	WB
21483	DLK1 (DLK) Antibody	Human	WB
21605	Fatty Acid Synthase (FASN) Antibody	Human Mouse Rat	WB
21157	Myosin Light Chain 2 (Ab-18) Antibody	Human Mouse Rat	WB IF



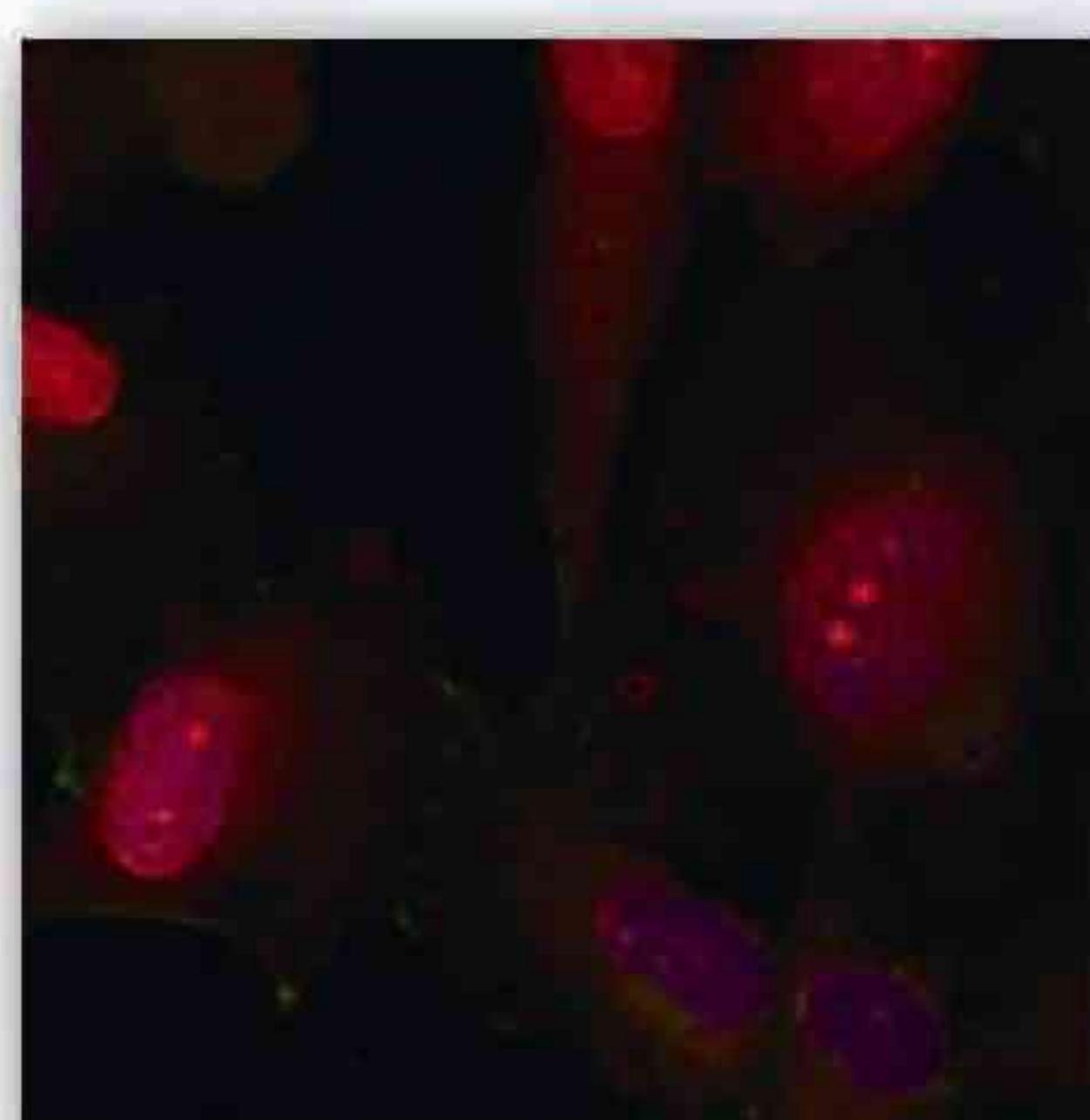
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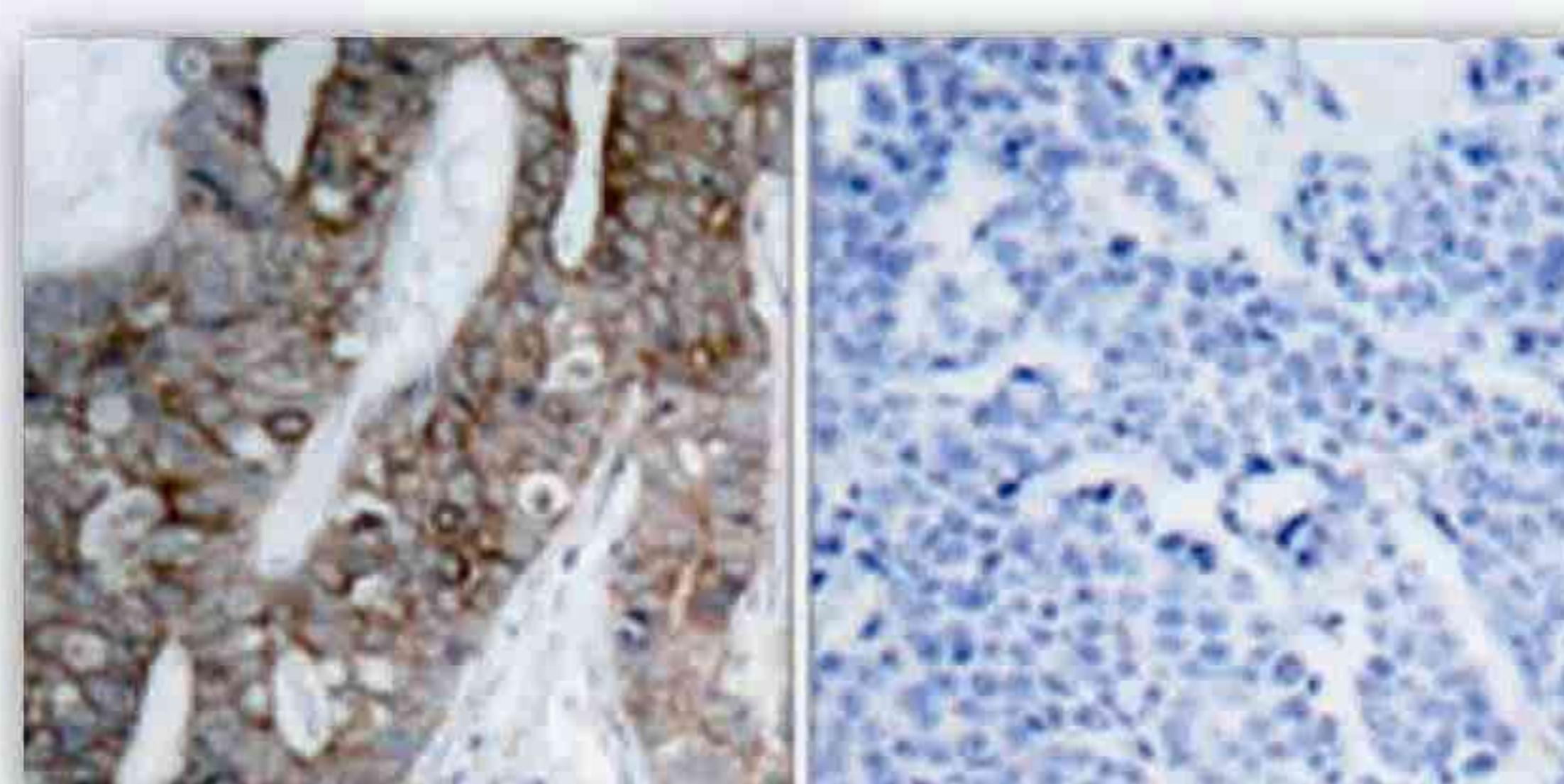
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Other Mesoderm Markers

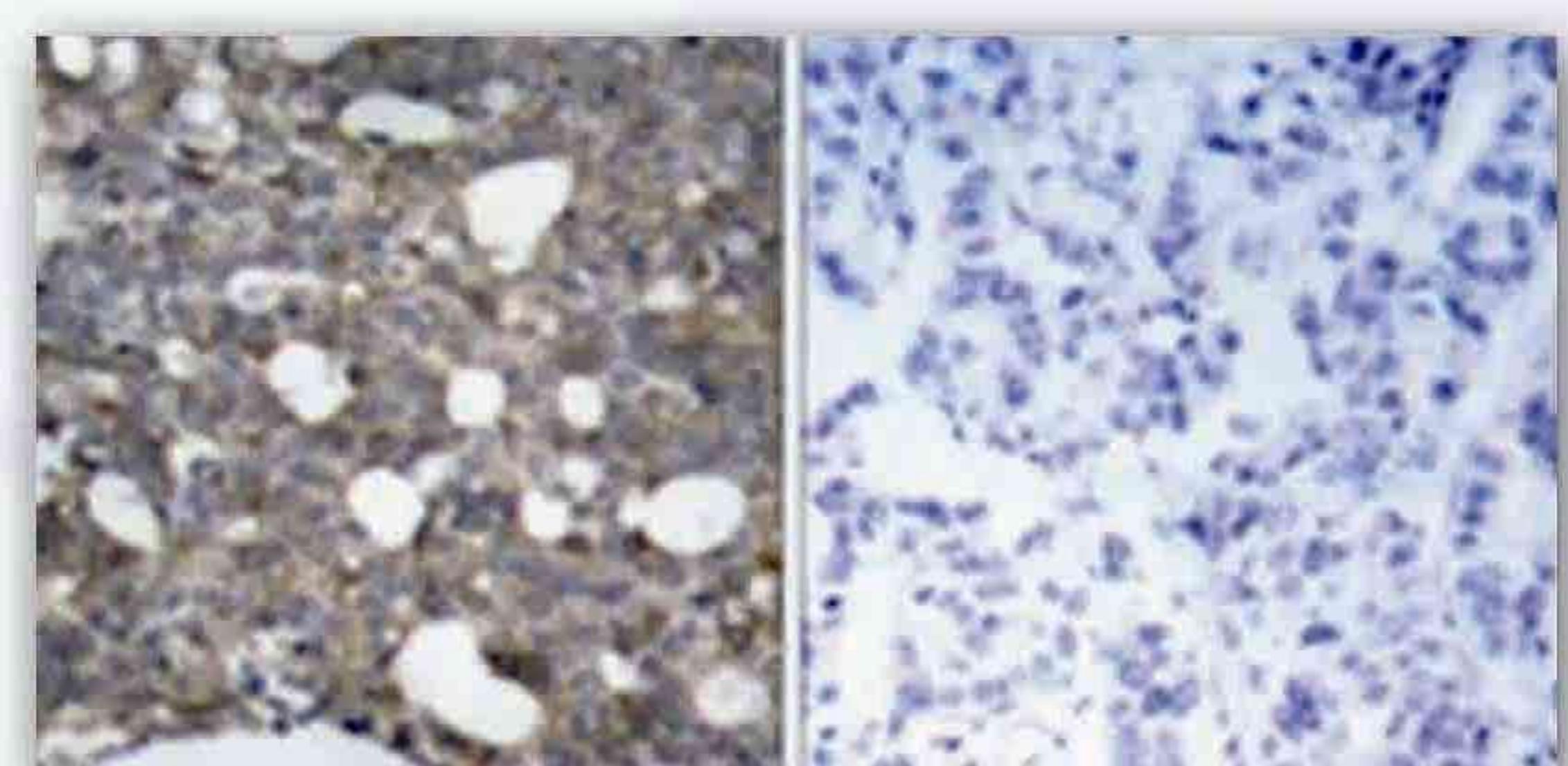
Cat. No.	Product name	Applications	Reactivity
21045	STAT3 (Ab-705) Antibody	WB IHC IF	Human Mouse Rat
21046	STAT3 (Ab-727) Antibody	WB IHC	Human Mouse Rat
21082	Integrin β3 (CD61)(Ab-773) Antibody	WB IHC	Human Mouse
21250	Connexin 43 (Ab-367) Antibody	WB IHC	Human Mouse Rat
21491	CD11c Antibody	WB	Human
21496	GATA-4 Antibody	WB	Human Mouse Rat
21600	CD209 (DC-SIGN) Antibody	WB	Human
21112	Caveolin-1 (Ab-14) Antibody	WB	Human Mouse Rat



21045



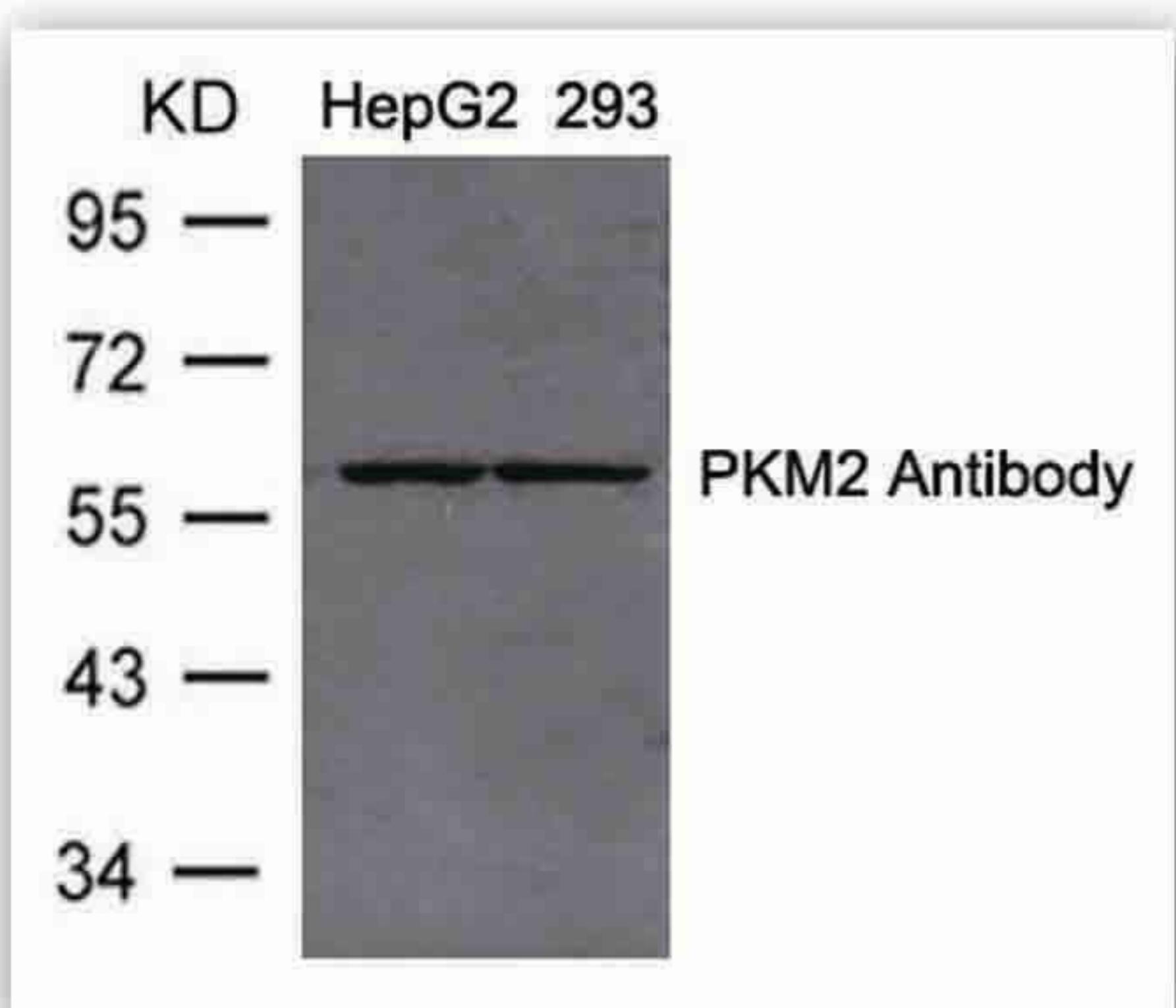
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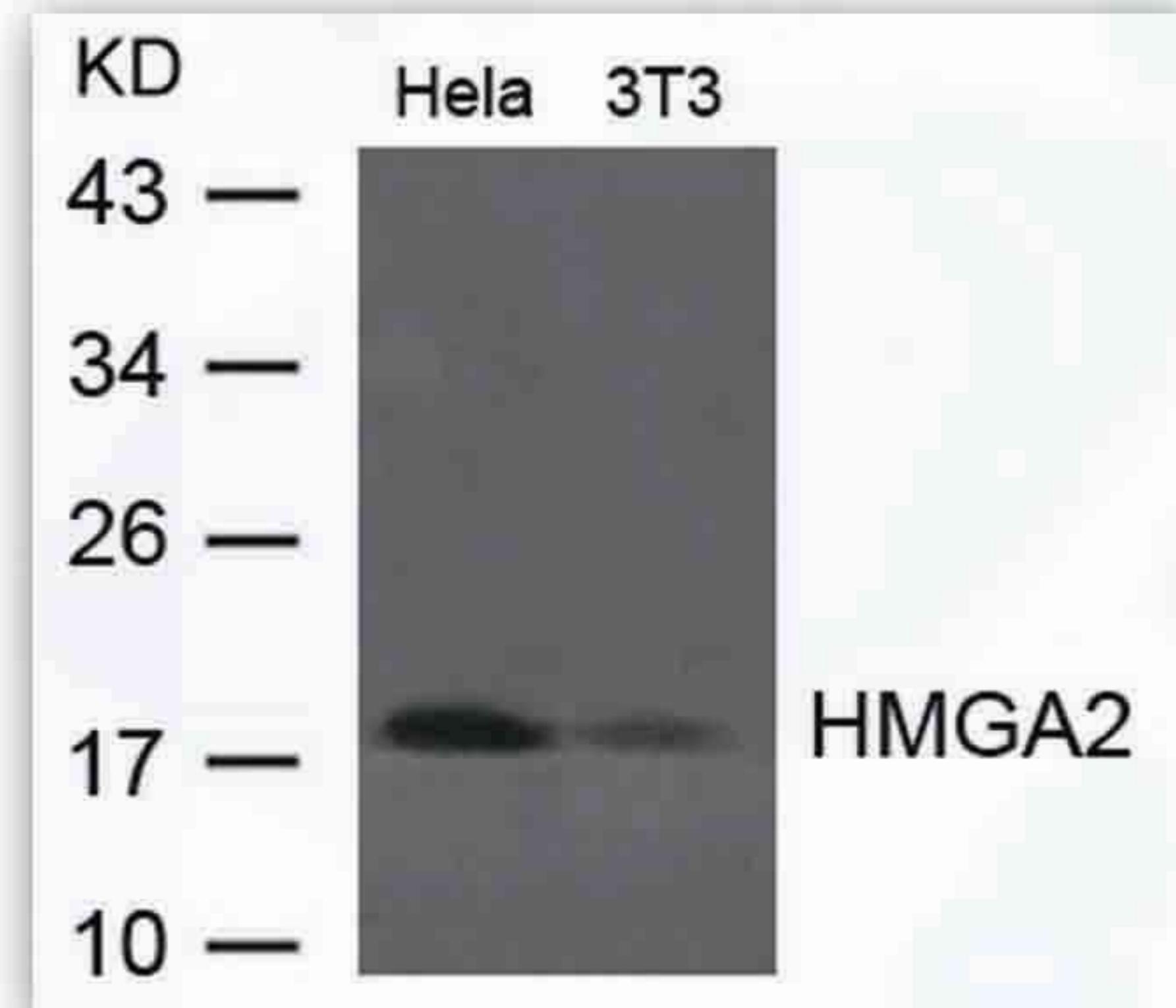
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Other products for Stem Cells

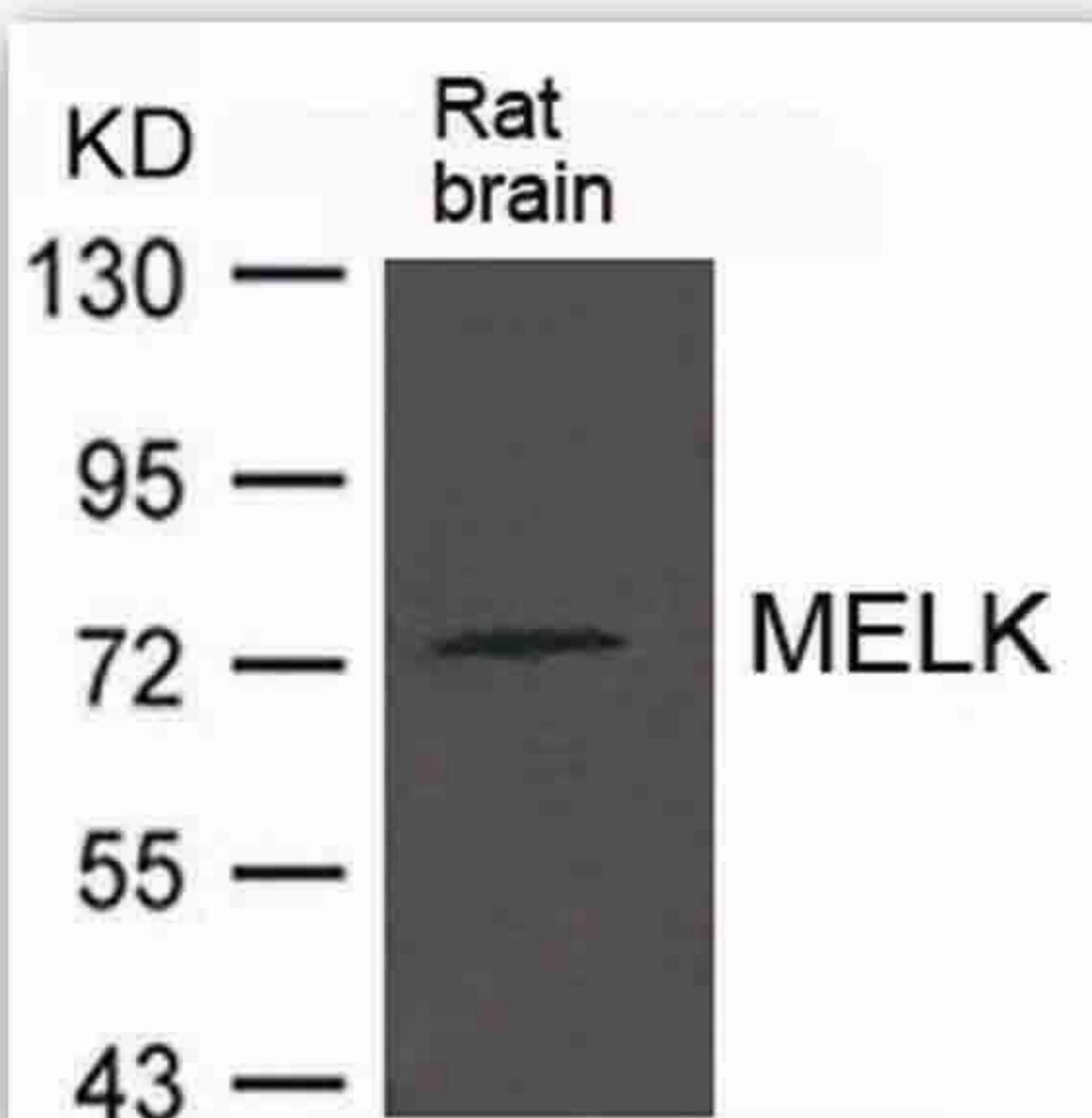
Cat. No.	Product name	Reactivity	Applications
21456	PKM2 Antibody	Human	WB
21577	PKM1 Antibody	Human Mouse	WB
21601	EEA1 Antibody	Human Mouse Rat	WB
21602	ERAB Antibody	Human Mouse Rat	WB
21603	ESA (FLOT2) Antibody	Human	WB
21612	GAPDH Antibody	Human Mouse Rat	WB
21615	Keratin 19 Antibody	Human	WB
21105	Androgen Receptor (Ab-650) Antibody	Human	WB
21410	VEGFR-3 Antibody	Human	WB IHC IF
21617	Tubulin beta-III Antibody	Human Mouse	WB
21618	Neuroserpin Antibody	Human Mouse Rat	WB
21623	HMGA2 Antibody	Human Mouse Rat	WB
21625	MELK Antibody	Human Mouse Rat	WB



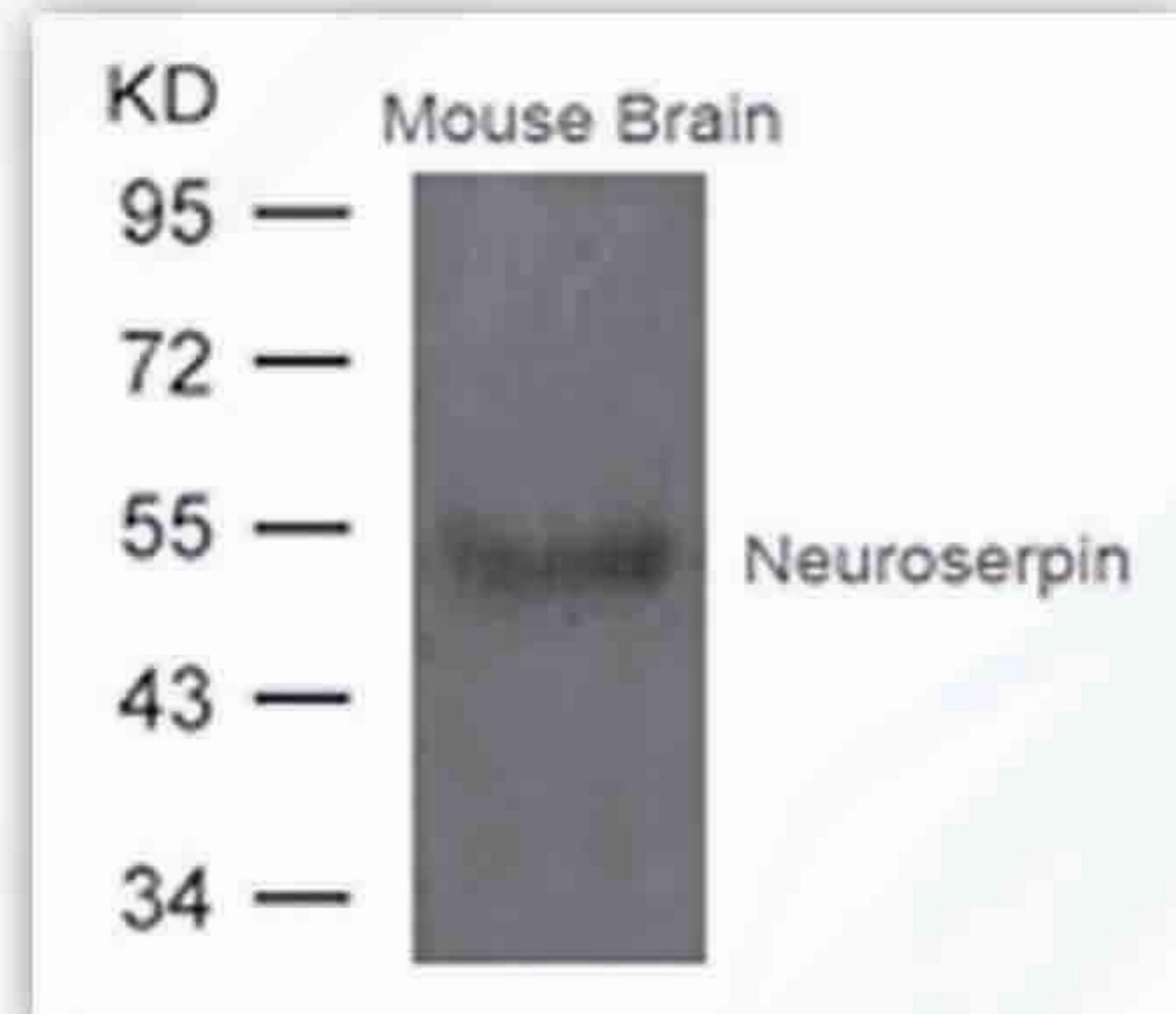
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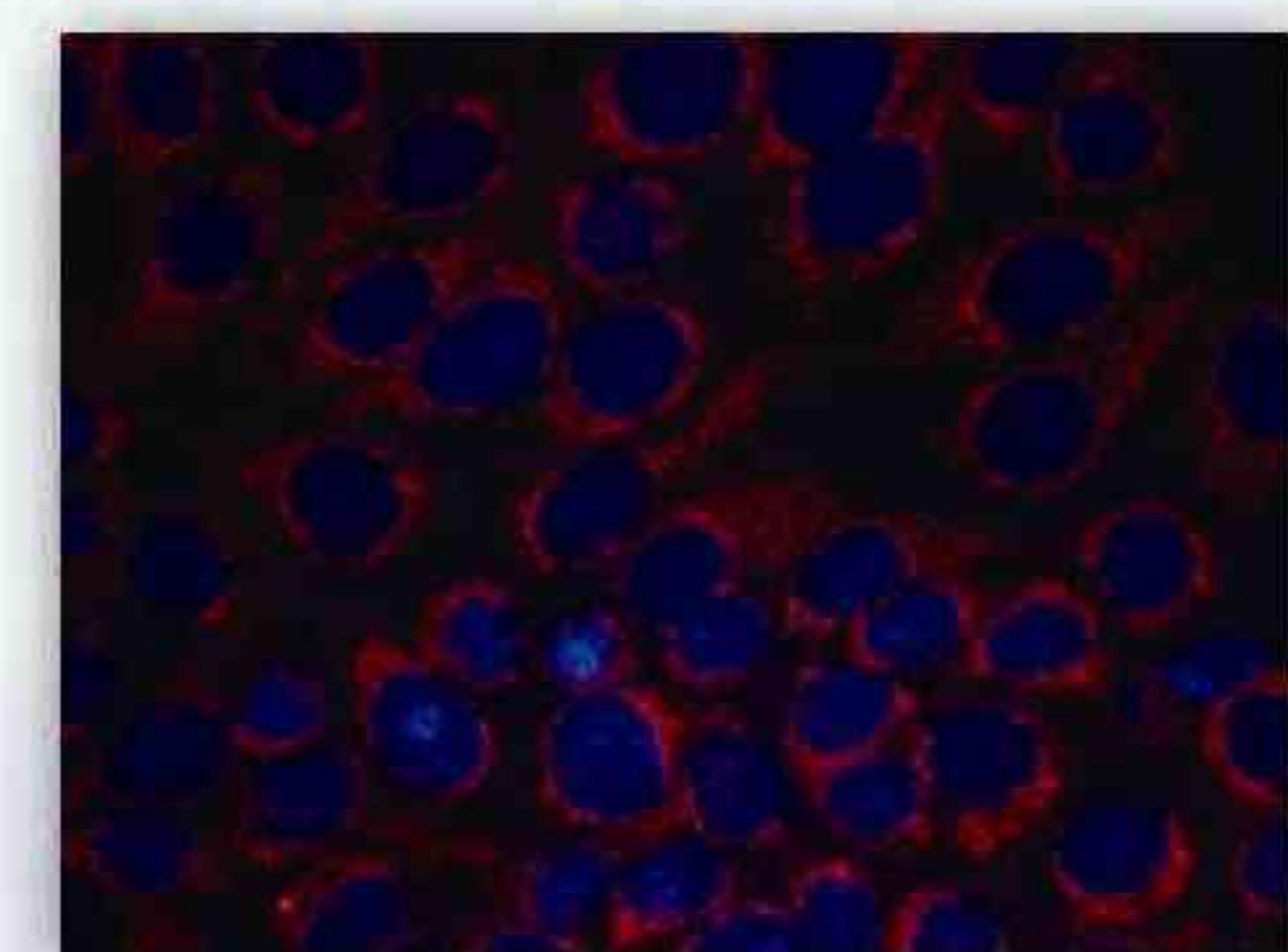
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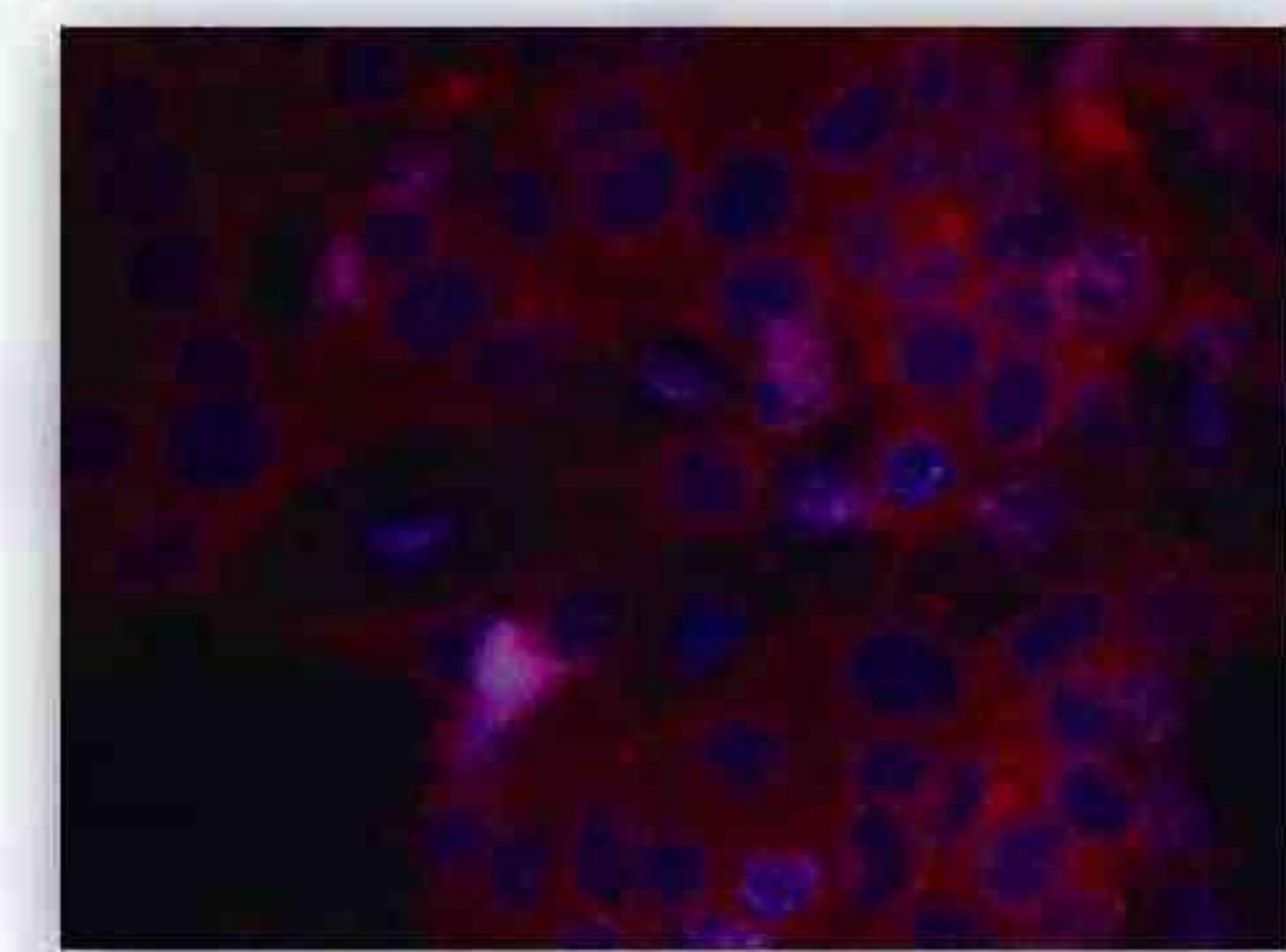
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CD Markers

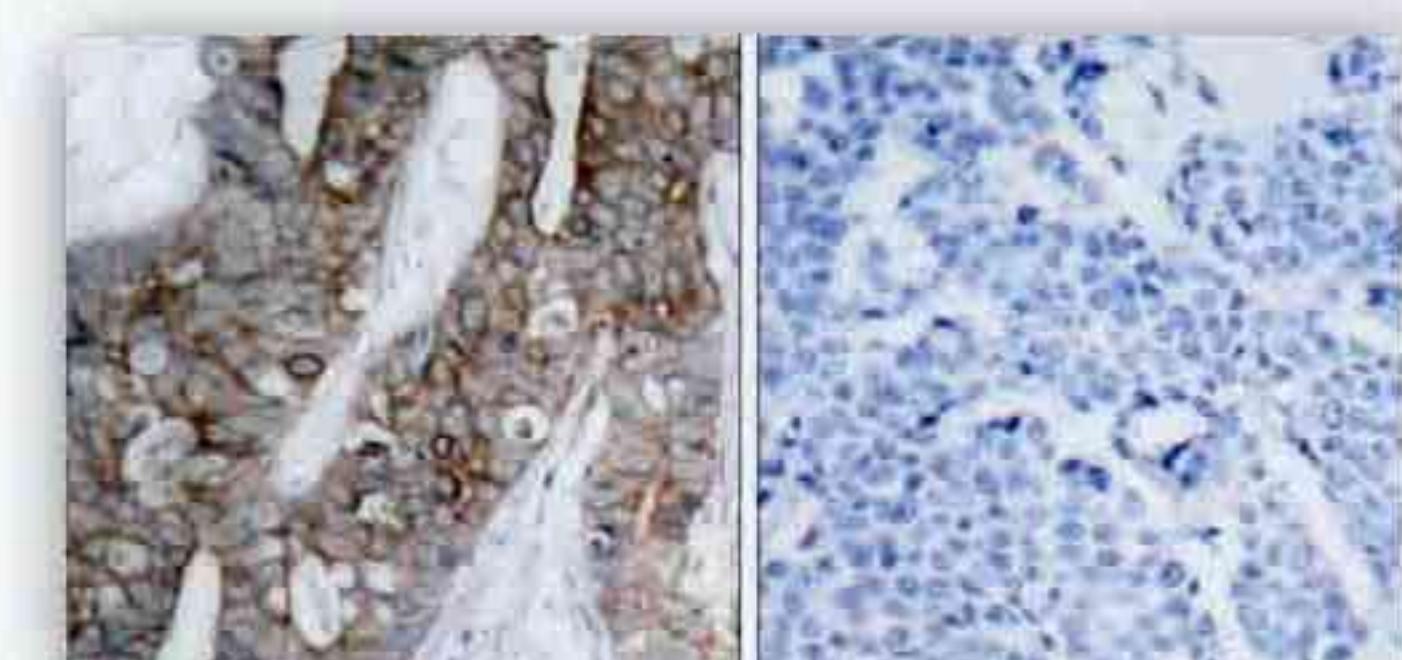
Cat. No.	Product name	Reactivity	Applications
21070	HER2 (CD340)(Ab-877) Antibody	Human	WB IHC
21071	HER2 (CD340)(Ab-1221/1222) Antibody	Human	WB IHC IF
21072	HER2 (CD340)(Ab-1248) Antibody	Human Mouse Rat	WB IHC IF
21077	VEGFR2 (CD309)(Ab-1175) Antibody	Human Mouse Rat	WB IHC IF
21078	VEGFR2 (CD309)(Ab-1214) Antibody	Human Mouse Rat	WB IHC IF
21079	VEGFR2 (CD309)(Ab-951) Antibody	Human Mouse Rat	WB IHC IF
21080	IGF-1R (CD221)(Ab-1161) Antibody	Human Mouse Rat	WB IHC IF
21081	IGF-1R (CD221)(Ab-1165/1166) Antibody	Human Mouse Rat	WB
21082	Integrin β 3 (CD61)(Ab-773) Antibody	Human Mouse	WB IHC
21106	ICAM-1 (CD54)(Ab-512) Antibody	Human Mouse Rat	WB
21112	Caveolin-1 (Ab-14) Antibody	Human Mouse Rat	WB
21187	FLT3(CD135) (Ab-591) Antibody	Human	WB IF
21231	FGF Receptor 1 (CD331)(Ab-154) Antibody	Human Mouse Rat	WB
21232	c-Kit (CD117)(Ab-721) Antibody	Human Mouse Rat	WB
21250	Connexin 43 (Ab-367) Antibody	Human Mouse Rat	WB IHC
21274	Integrin β 3 (CD61)(Ab-785) Antibody	Human Mouse Rat	WB
21302	IGF-1R (CD221)(Ab-1280) Antibody	Human Mouse Rat	WB IHC
21303	IGF-1R (CD221)(Ab-1346) Antibody	Human Mouse Rat	WB IHC
21419	Fas (CD95)Antibody	Human	WB
21468	CD56(NCAM) Antibody	Human Mouse	WB
21478	CD133(Prominin-1) Antibody	Human Mouse Rat	WB
21481	CD31(PECAM1) Antibody	Human	WB
21490	CD10 Antibody	Human	WB
21491	CD11c Antibody	Human	WB
21500	CCR7(CD197) Antibody	Human	WB
21531	VEGFR2 (CD309)(Ab-1059) Antibody	Human, Mouse	WB
21539	c-kit (CD117)(Ab-936) Antibody	Human	IHC
21600	CD209 (DC-SIGN) Antibody	Human	WB
21469	CD34 Antibody	Human Mouse Rat	WB
21471	CD44 Antibody	Human Rat	WB
21472	CD201(EPCR) Antibody	Human	WB
21472	CD201(EPCR) Antibody	Human	WB
21473	E-Cadherin(CD324) Antibody	Human Mouse Rat	WB
21474	N-Cadherin(CD325) Antibody	Human Mouse Rat	WB
21476	ABCG2(CD338) Antibody	Human	WB
21479	CDCP1(CD318) Antibody	Human	WB
21492	CD22 Antibody	Human	WB
21606	FGF Receptor 4 (FGFR4) (CD334)Antibody	Human	WB
21614	Integrin β 1 (CD29) Antibody	Human Mouse Rat	WB
21616	LPAM-1 (Integrin alpha-4, CD49d) Antibody	Human	WB
21622	CD3E Antibody	Human Mouse Rat	WB



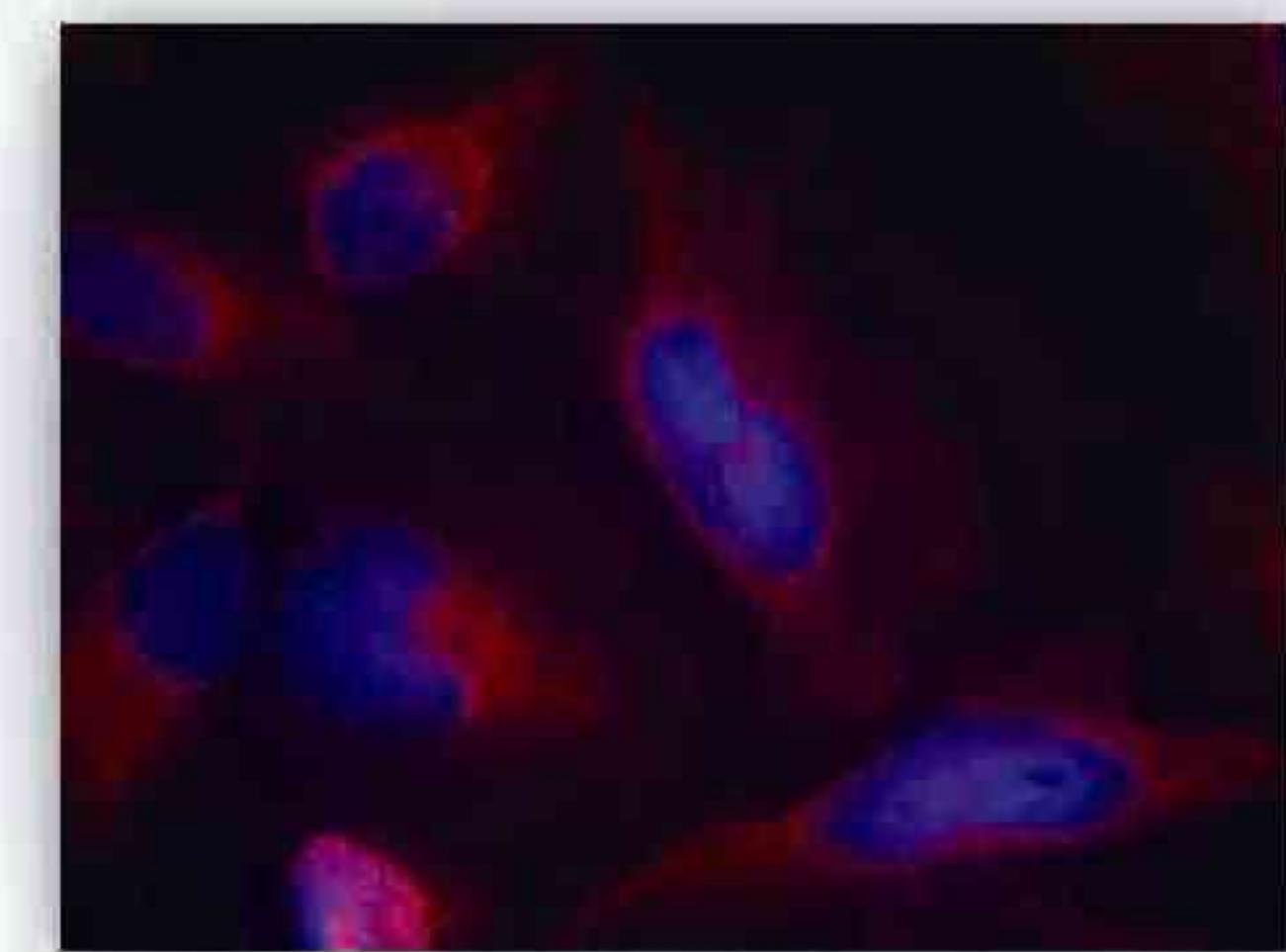
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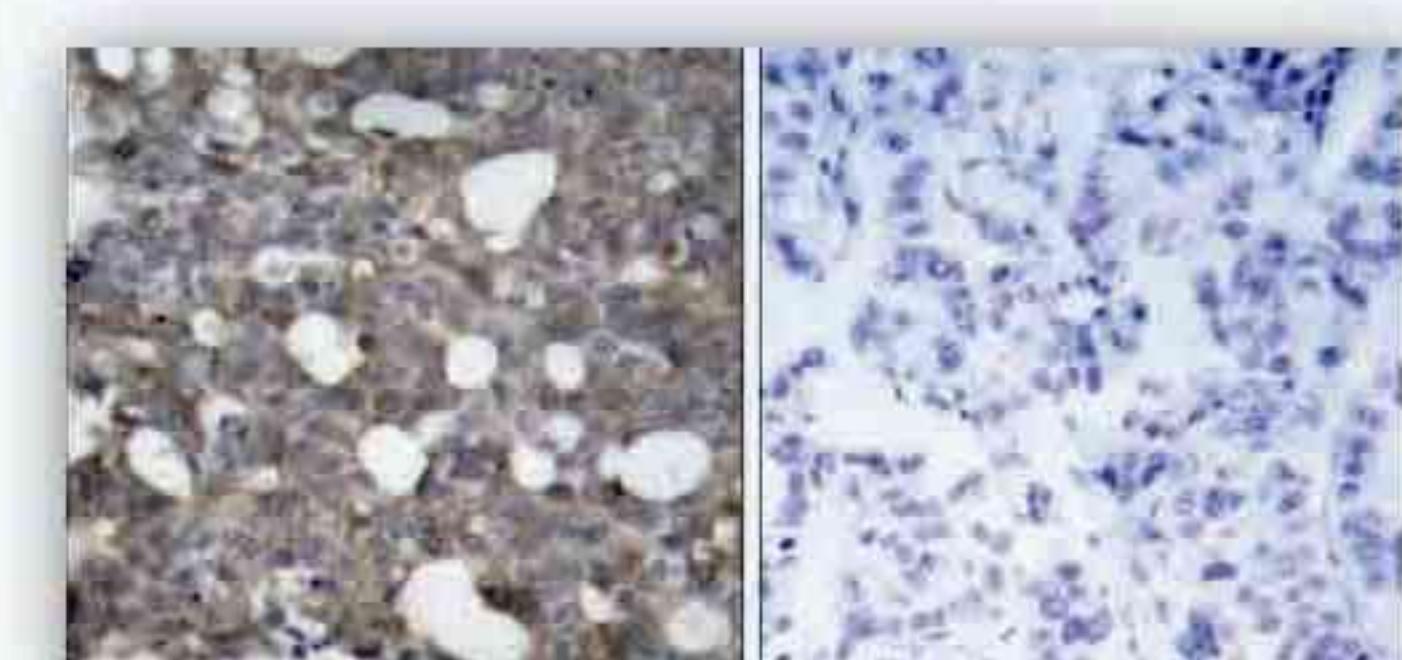
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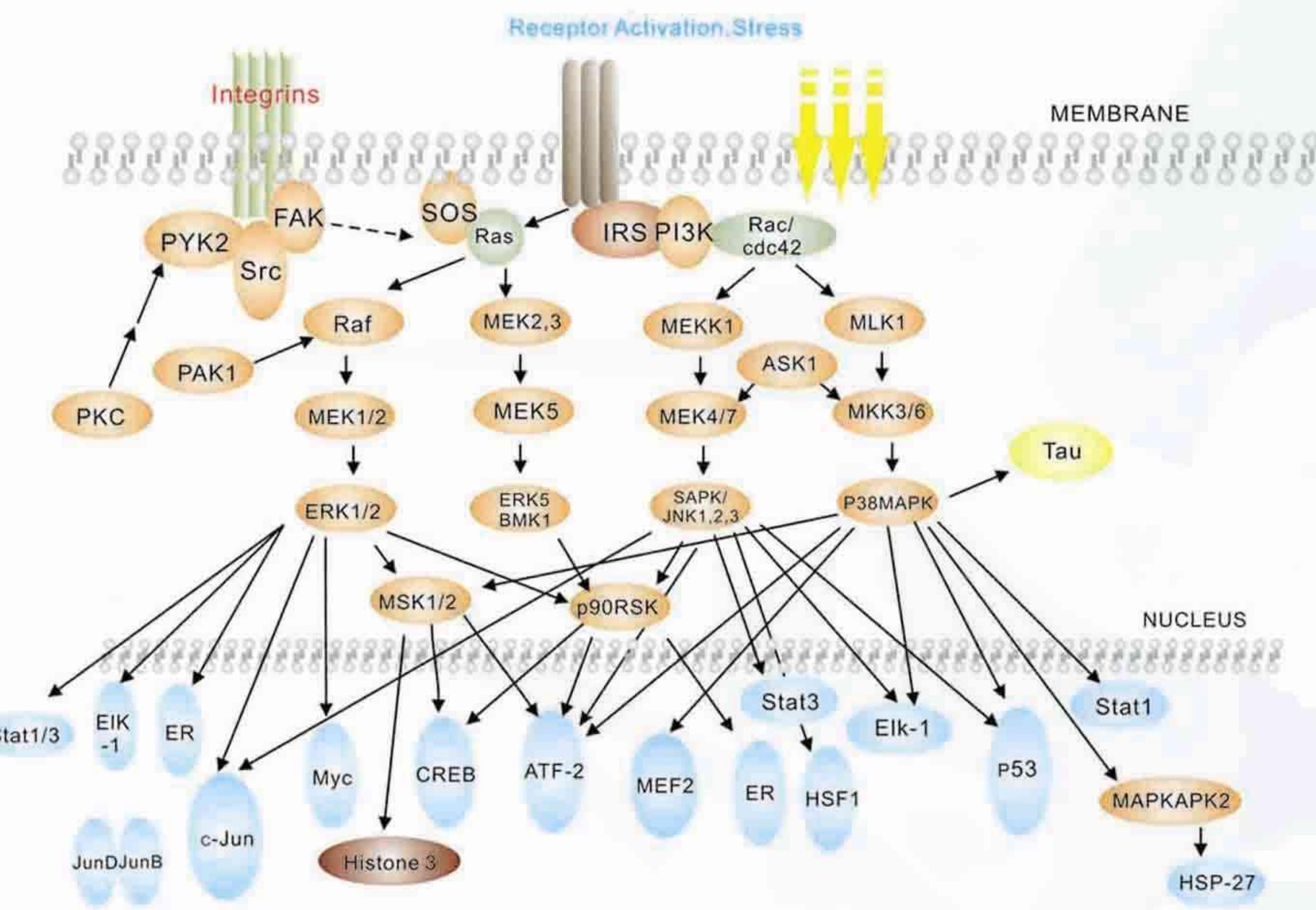
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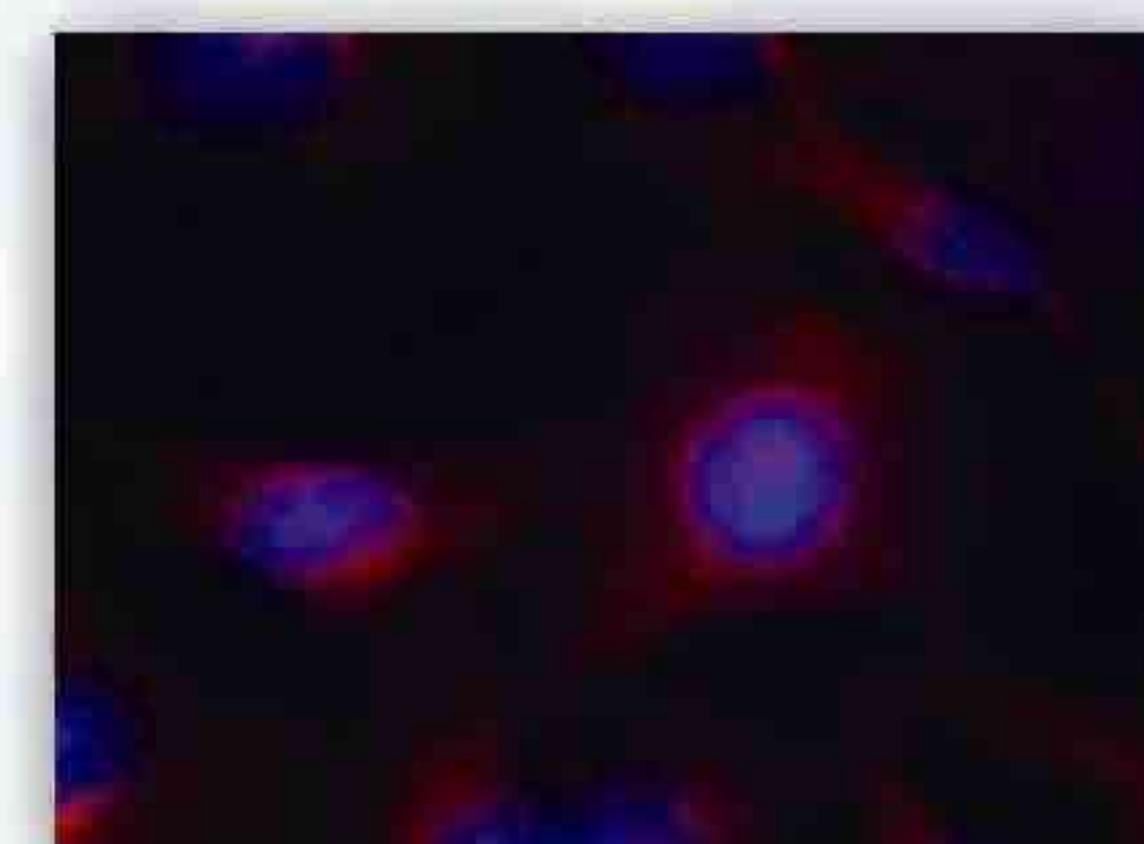
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Stem Cell Relevant Signaling

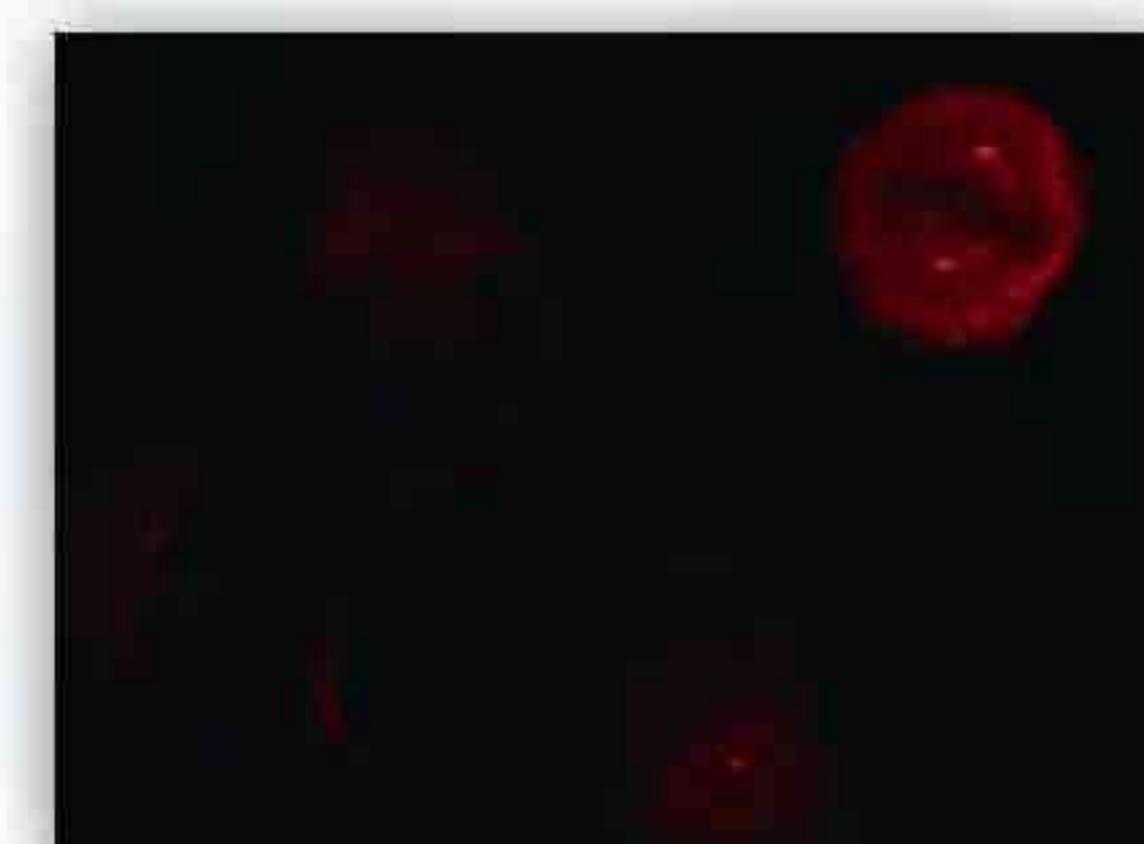
MAPK Pathway



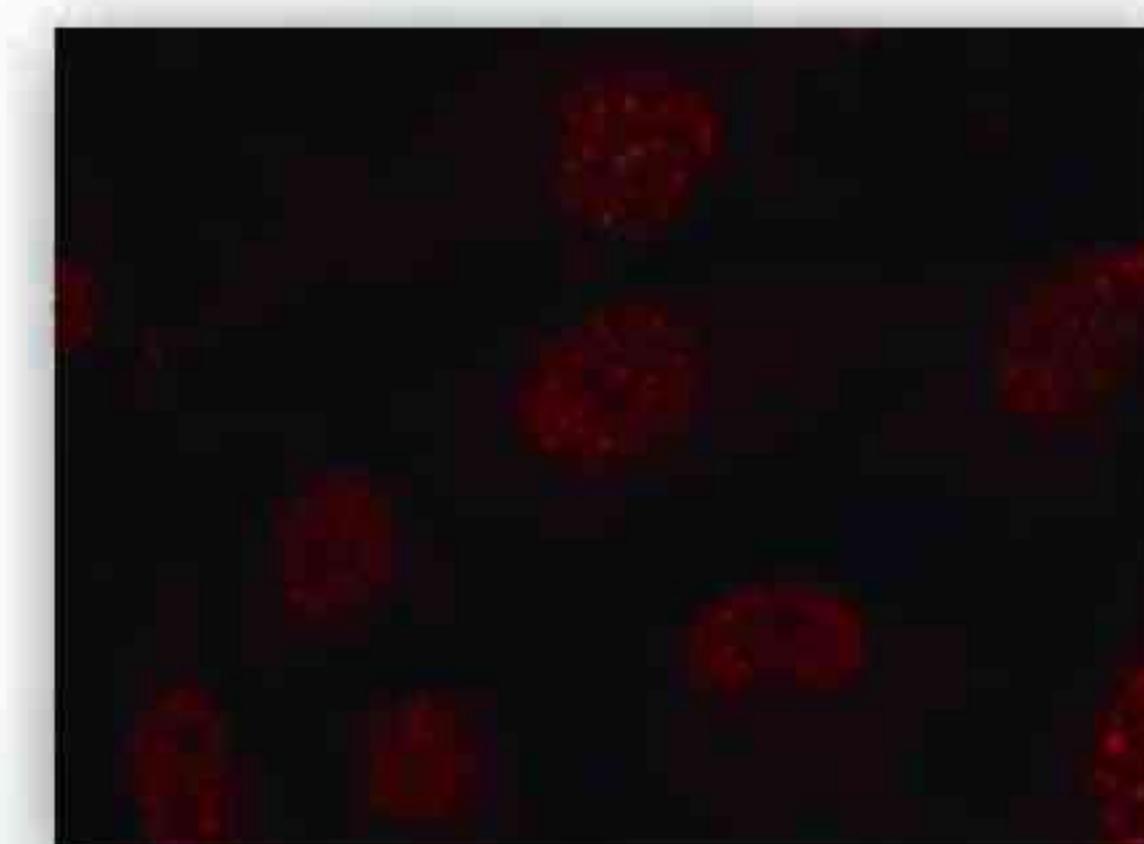
Cat. No.	Product name	Reactivity	Applications
11006	Raf1 (Phospho-Ser259) Antibody	Human Mouse Rat	WB IHC
11204	Raf1 (Phospho-Ser338) Antibody	Human Mouse	WB
21006	Raf1 (Ab-259) Antibody	Human Mouse Rat	WB IHC
21202	Raf1 (Ab-338) Antibody	Human Mouse	WB IHC
21566	Raf-1 Antibody	Rat	WB
11205	MEK1/MEK2 (Phospho-Ser217/Ser221) Antibody	Human Mouse Rat	IHC WB
11294	MEK1 (Phospho-Thr291) Antibody	Human Mouse Rat	WB
21008	MEK-2 (Ab-394) Antibody	Human Mouse Rat	WB IHC
21175	MEK1 (Ab-221) Antibody	Human Mouse Rat	WB IHC
21203	MEK1/MEK2 (Ab-217/221) Antibody	Human Mouse Rat	WB IHC IF
21286	MEK1 (Ab-291) Antibody	Human Mouse Rat	WB IHC
11245	p44/42 MAP Kinase (Phospho-Thr202) Antibody	Human Mouse Rat	WB IHC IF
11246	p44/42 MAP Kinase (Phospho-Tyr204) Antibody	Human Mouse Rat	WB IHC IF
21237	p44/42 MAP Kinase (Ab-202) Antibody	Human Mouse Rat	WB
21238	p44/42 MAP Kinase (Ab-204) Antibody	Human Mouse Rat	WB
11252	P38 MAPK (Phospho-Thr180) Antibody	Human Mouse Rat	WB IHC
11253	P38 MAPK (Phospho-Tyr182) Antibody	Human Mouse Rat	WB IHC
21245	P38 MAPK (Ab-182) Antibody	Human Mouse Rat	WB
11308	MAPKAPK-2 (Phospho-Thr334) Antibody	Human Mouse Rat	WB IHC IF
21308	MAPKAPK-2 (Ab-334) Antibody	Human Mouse Rat	WB IF
21441	MAP2K4 Antibody	Human Mouse Rat	WB



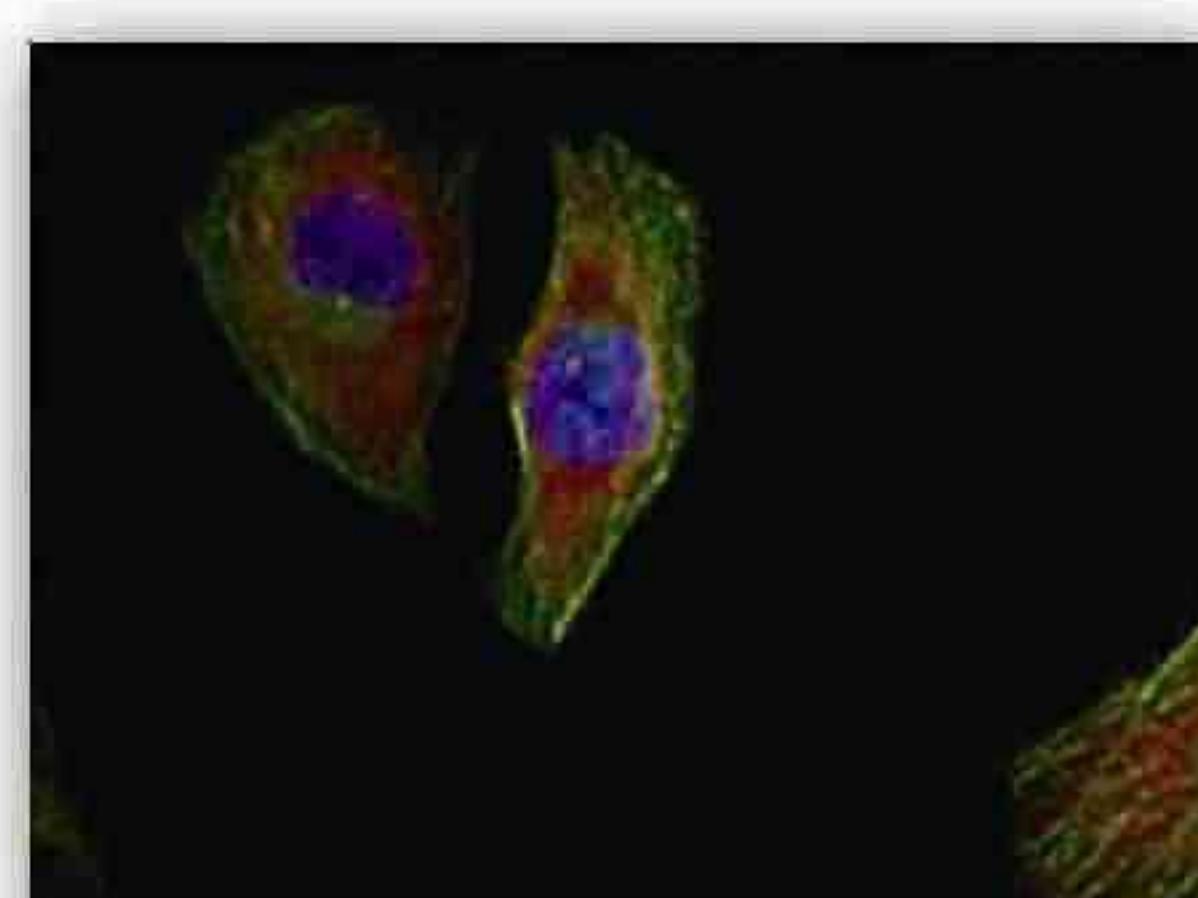
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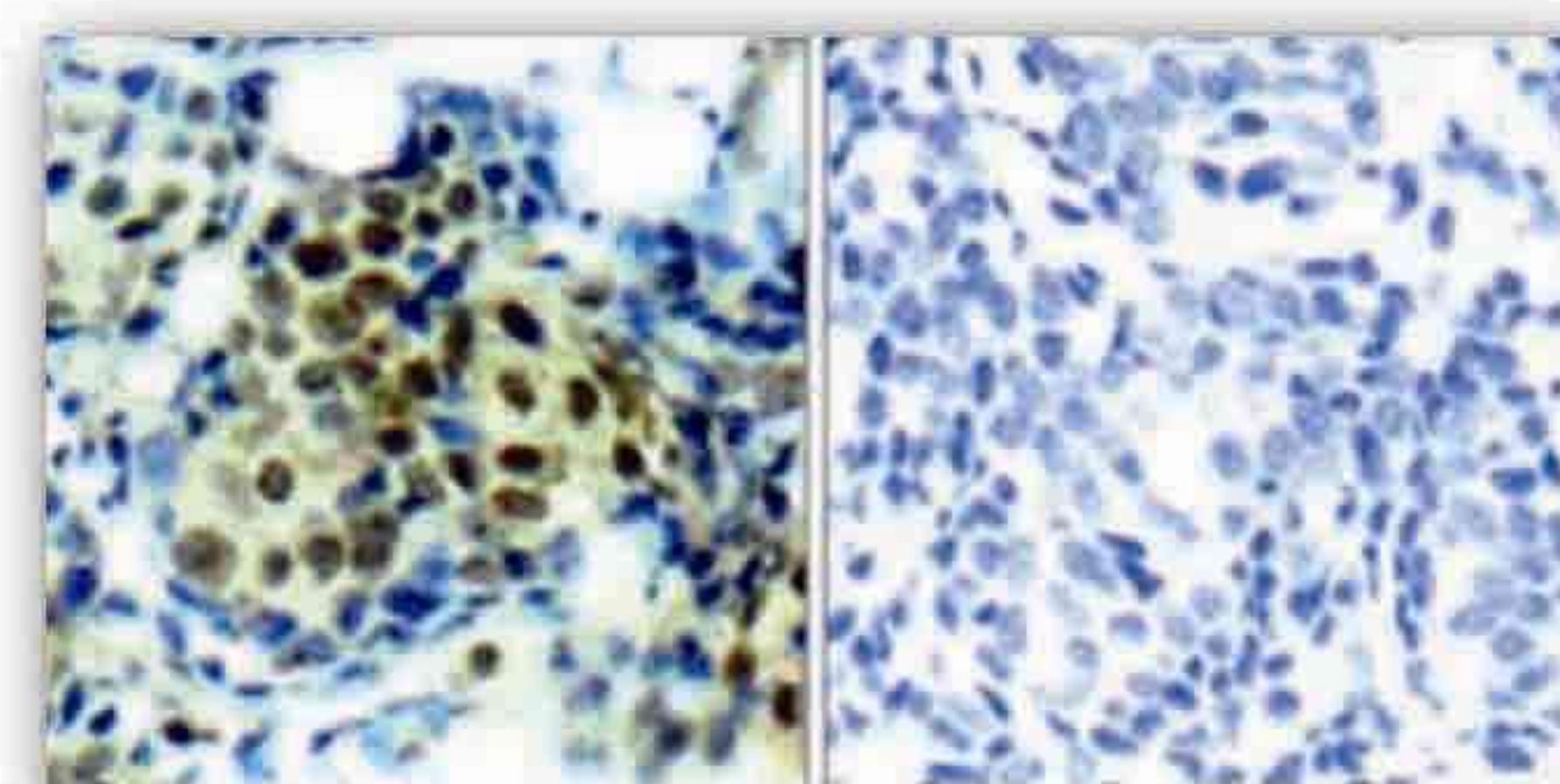
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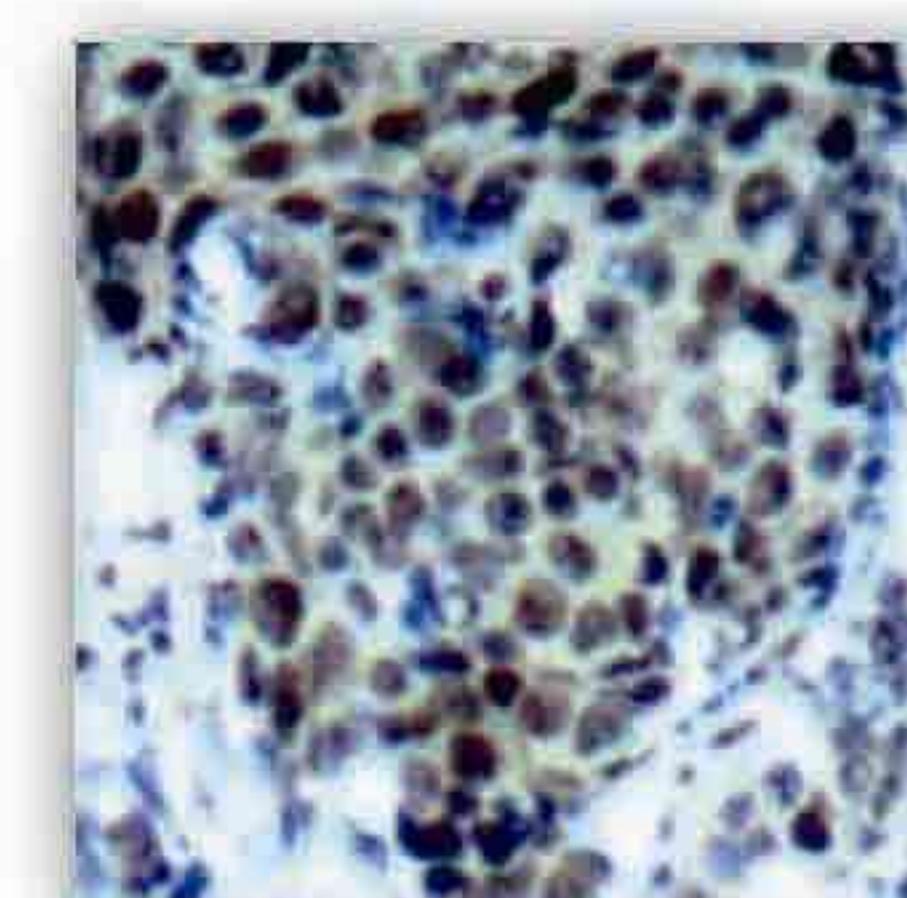
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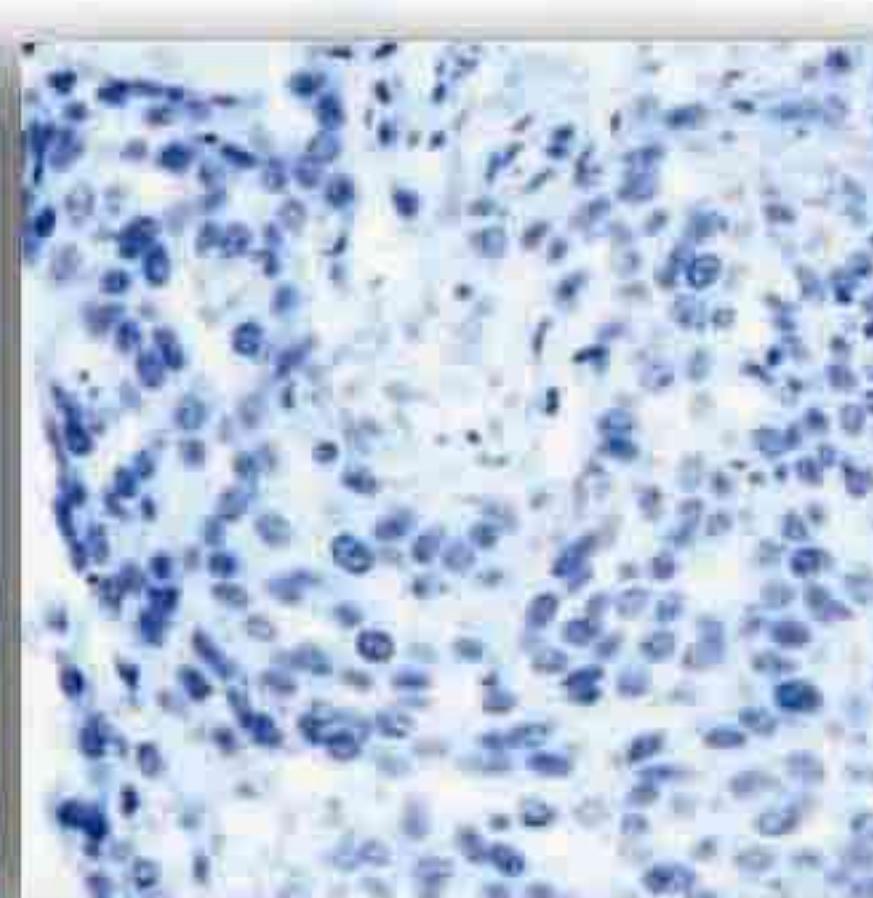
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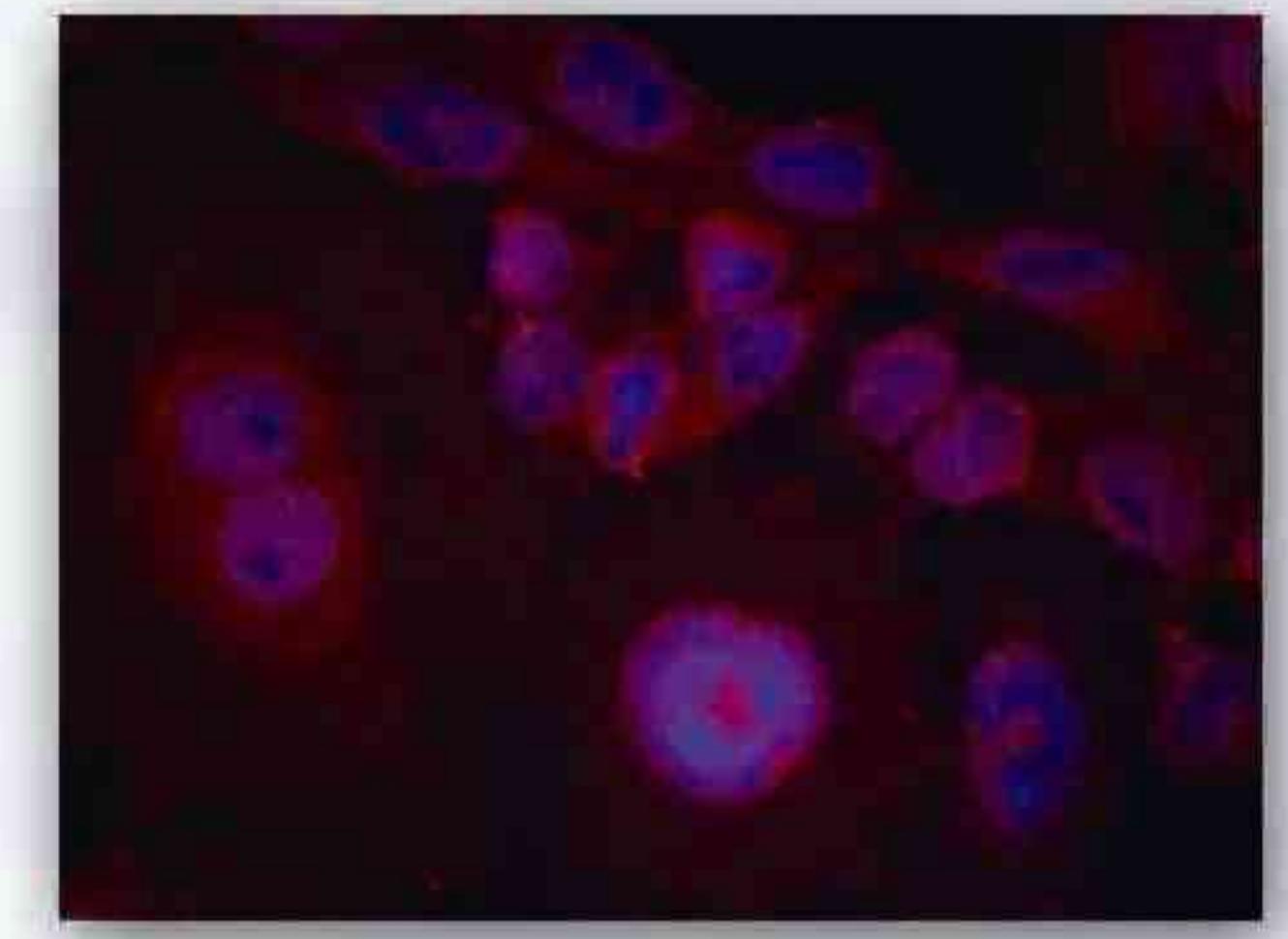
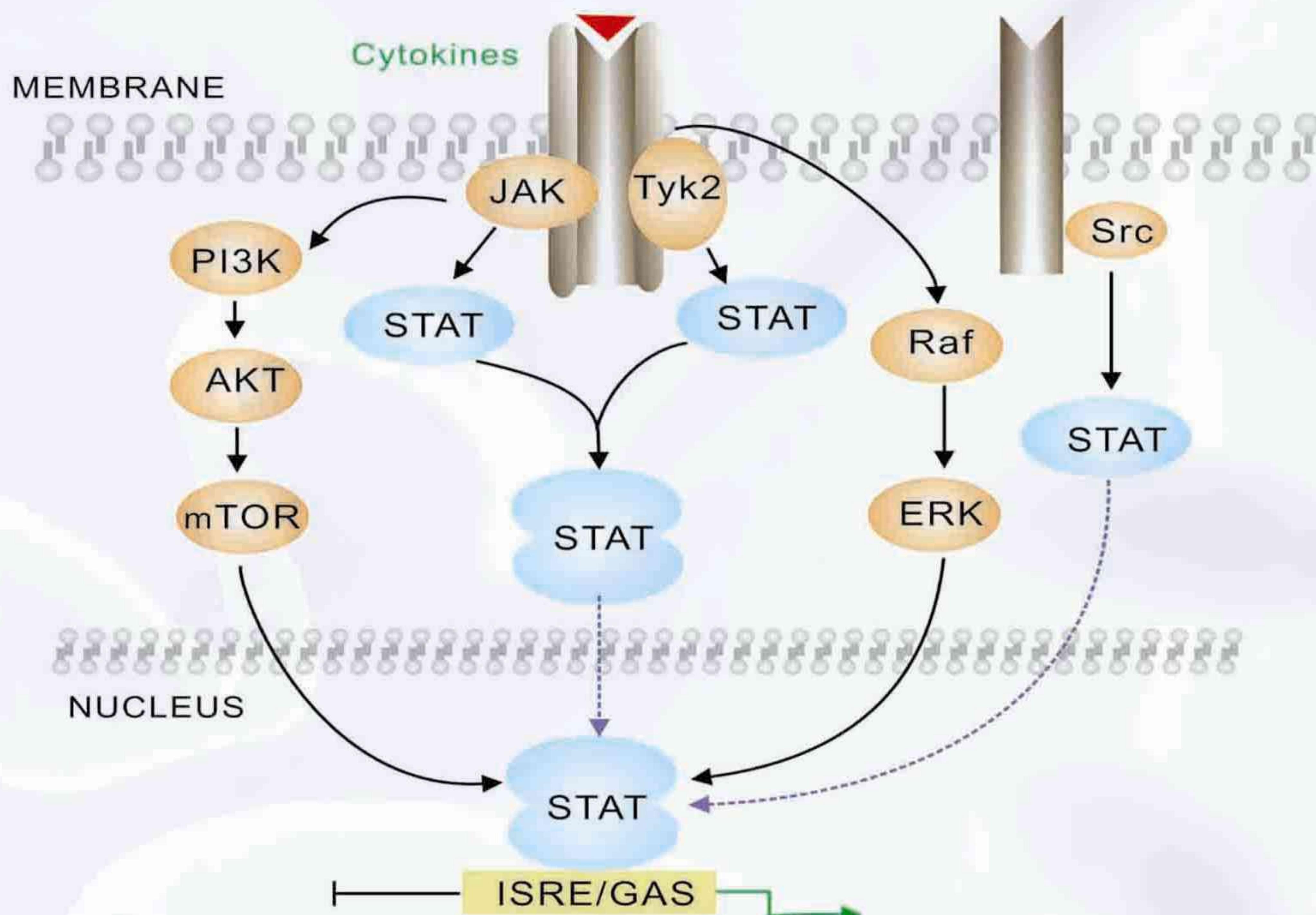
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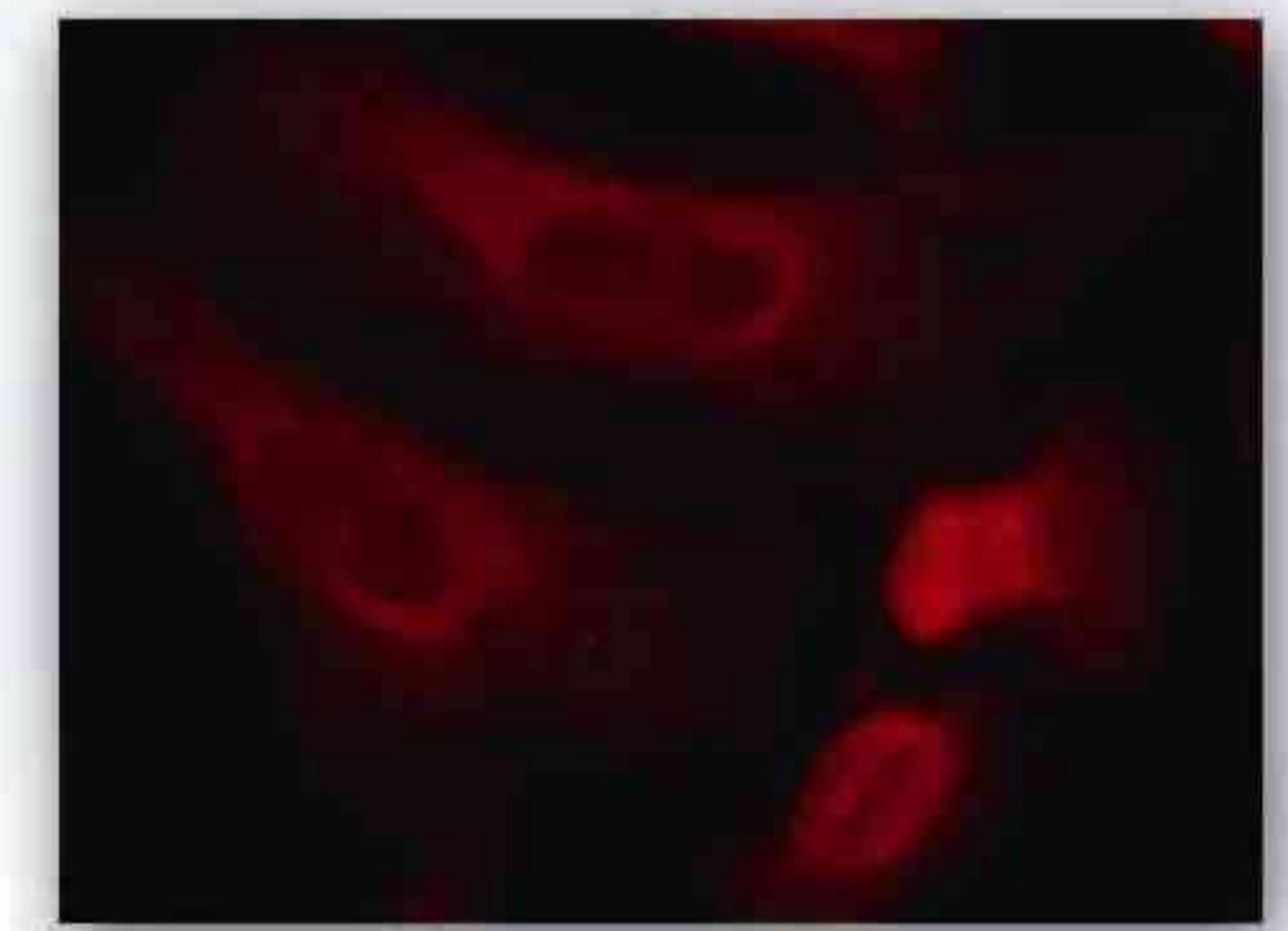
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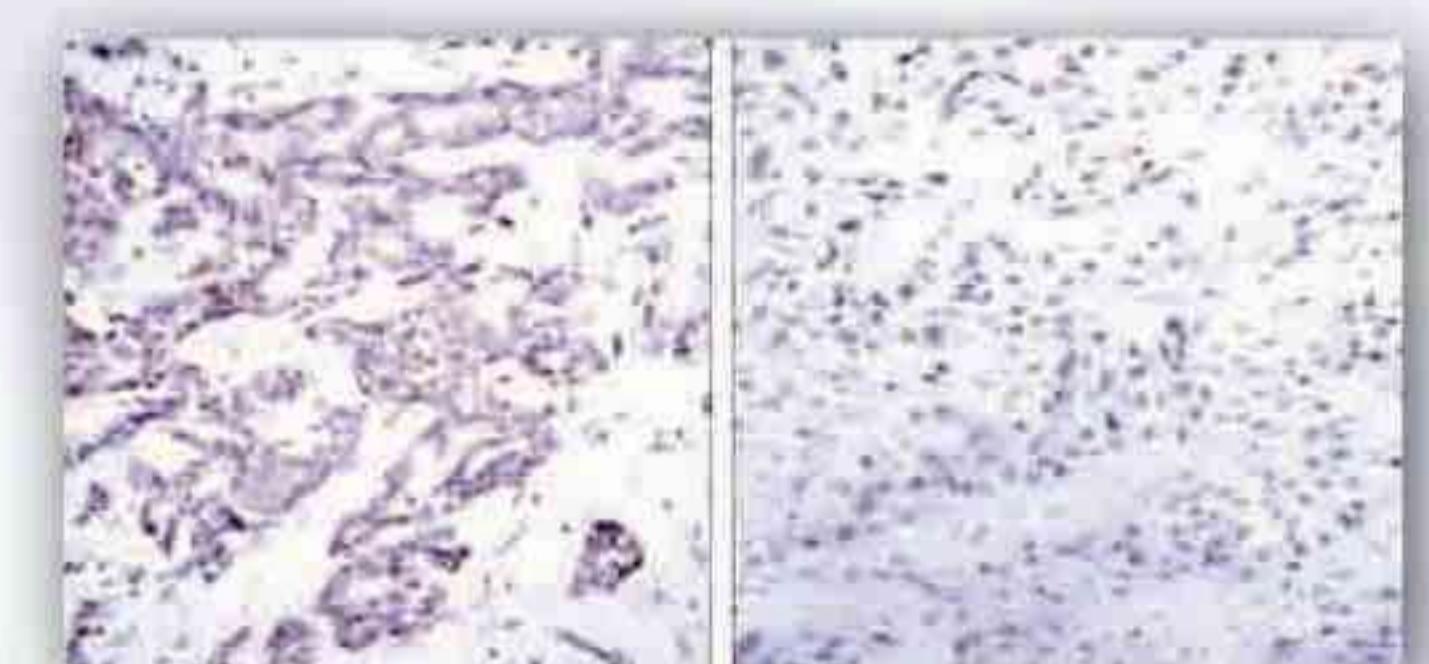
Jak/Stat Pathway



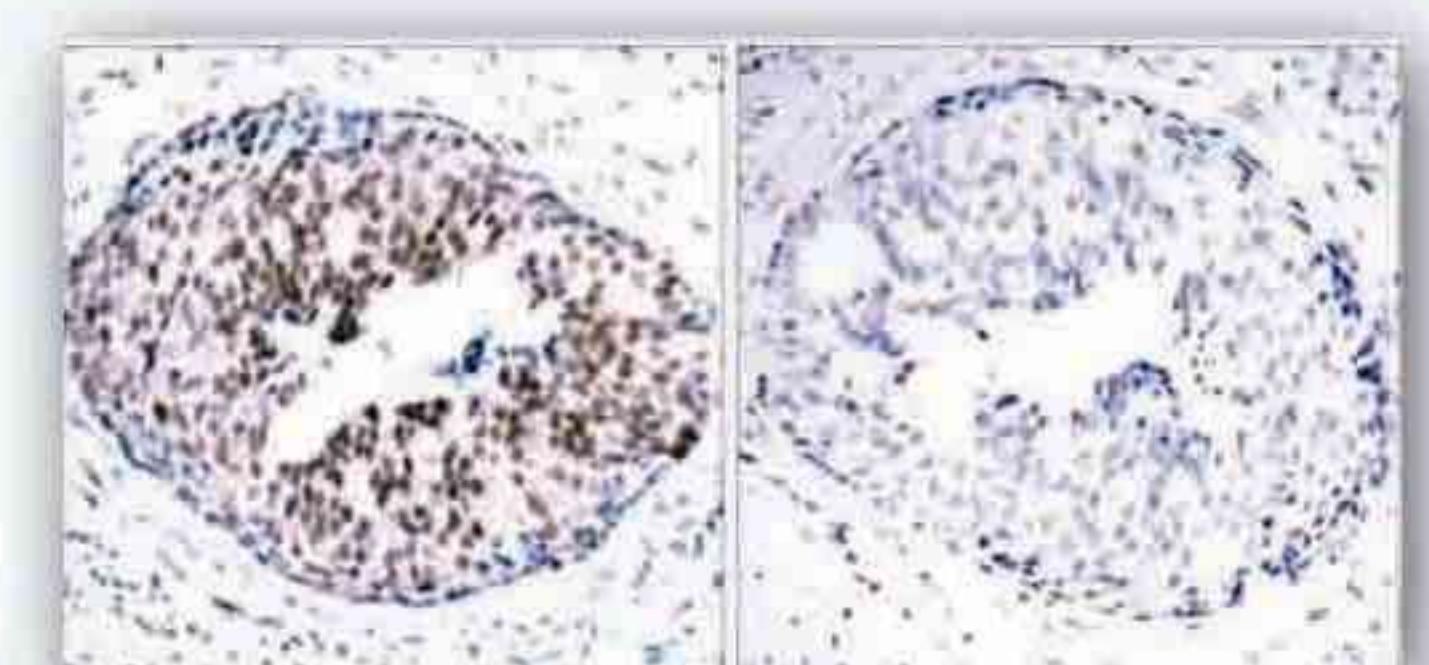
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11163



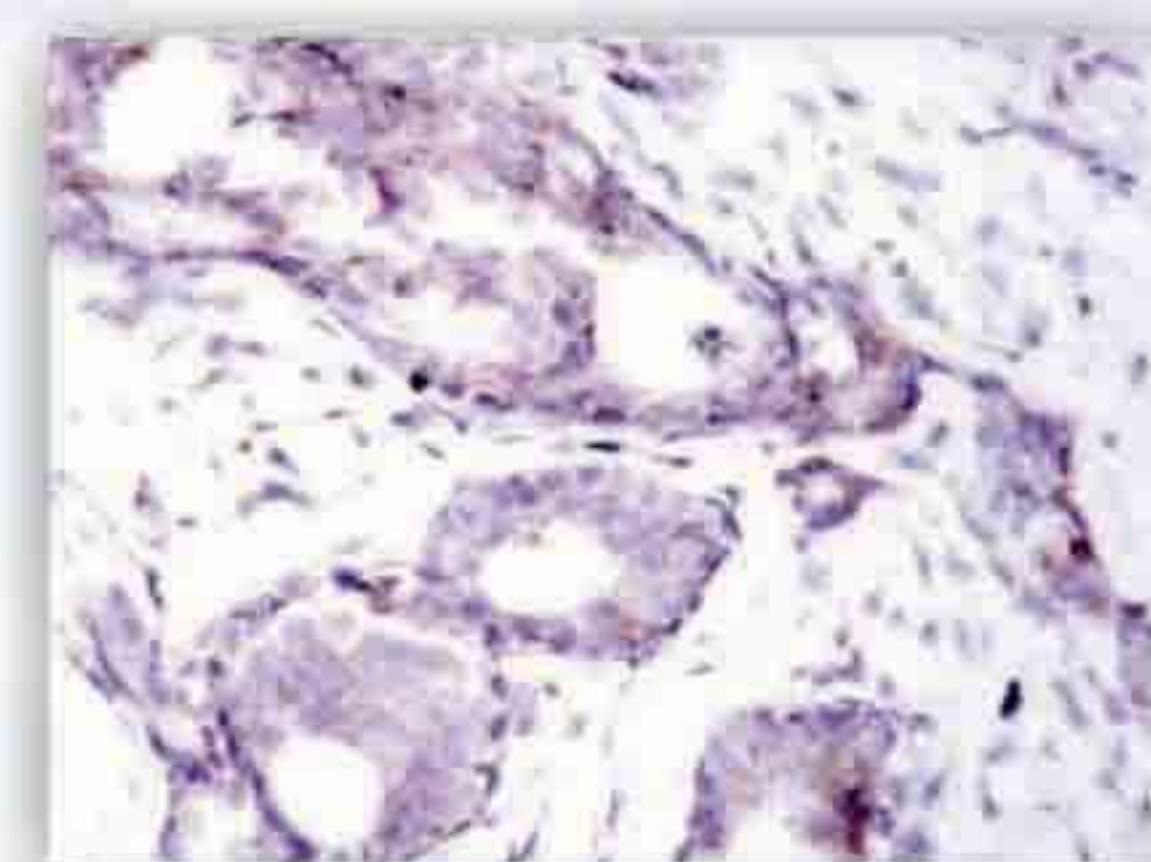
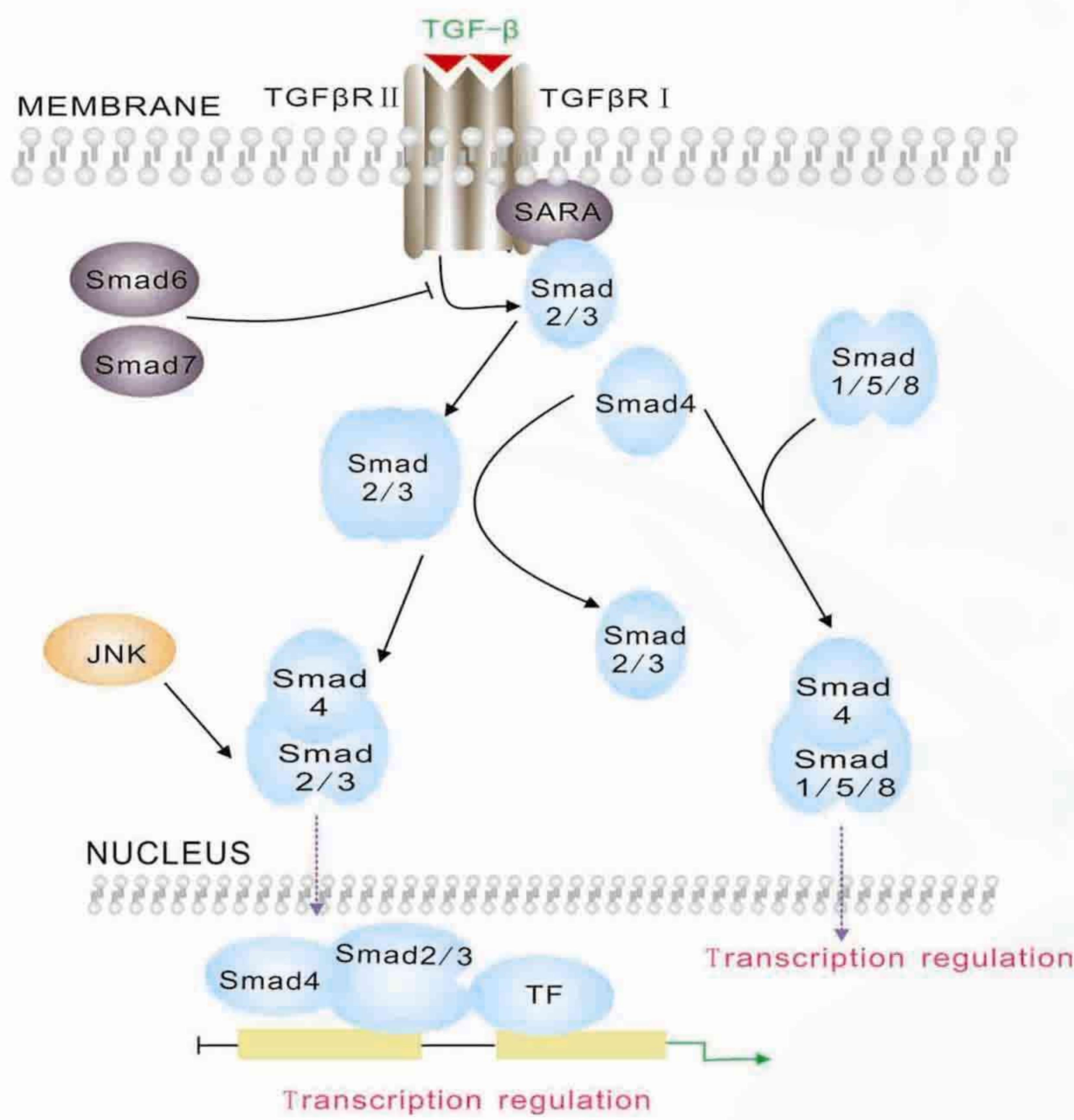
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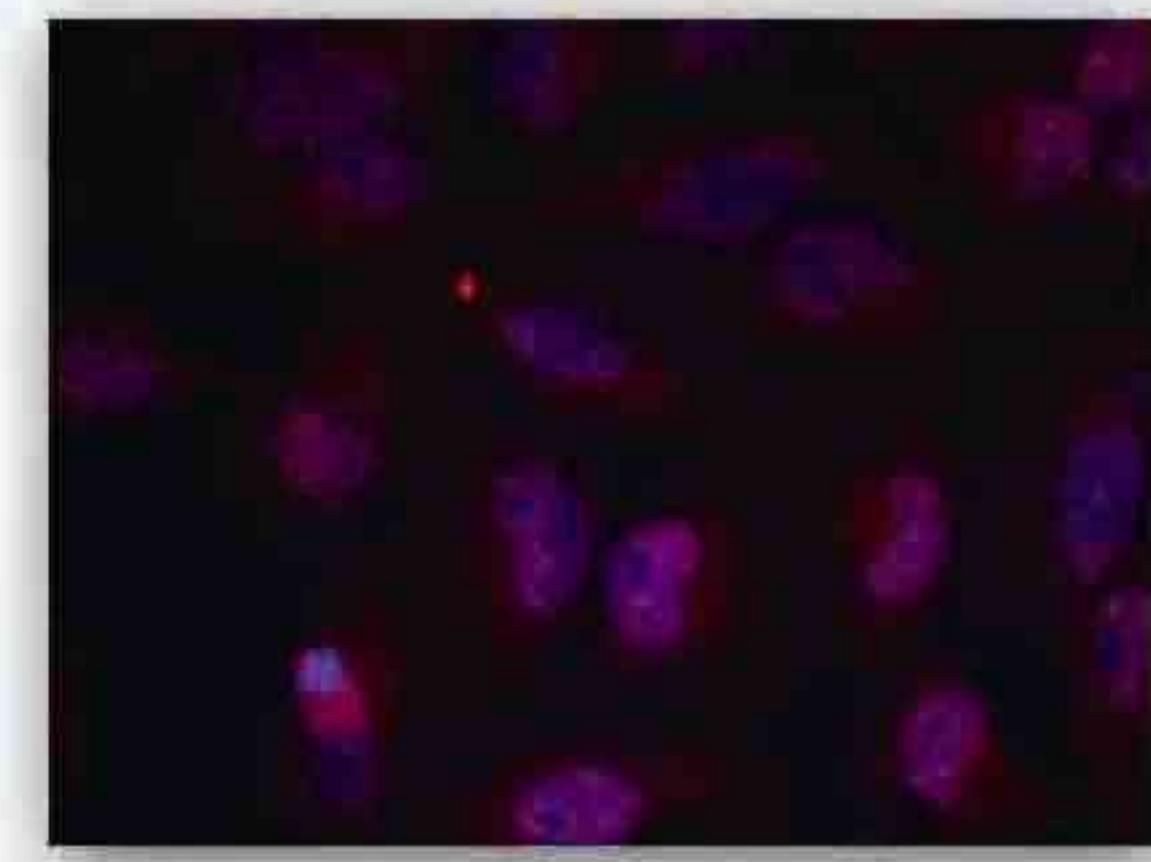
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Cat. No.	Product name	Reactivity	Applications
11044	STAT1 (Phospho-Tyr701) Antibody	Human Mouse Rat	WB IHC
11045	STAT3 (Phospho-Tyr705) Antibody	Human Mouse Rat	WB IHC
11046	STAT3 (Phospho-Ser727) Antibody	Human Mouse Rat	WB IHC IF
11047	STAT4 (Phospho-Tyr693) Antibody	Human Mouse Rat	WB IHC
11048	STAT5A (Phospho-Tyr694) Antibody	Human Mouse Rat	WB IHC
11049	STAT5A (Phospho-Ser780) Antibody	Human Mouse Rat	WB IHC
11050	STAT6 (Phospho-Tyr641) Antibody	Human	WB IHC
11051	STAT6 (Phospho-Thr645) Antibody	Human	IHC
11163	STAT1 (Phospho-Ser727) Antibody	Human Mouse Rat	WB IHC IF
11536	Stat2 (phospho-Tyr690) Antibody	Human	WB
21044	STAT1 (Ab-701) Antibody	Human Mouse Rat	WB IHC
21045	STAT3 (Ab-705) Antibody	Human Mouse Rat	WB IHC IF
21046	STAT3 (Ab-727) Antibody	Human Mouse Rat	WB IHC
21047	STAT4 (Ab-693) Antibody	Human Mouse Rat	WB IHC
21048	STAT5A (Ab-694) Antibody	Human Mouse Rat	WB IHC
21049	STAT5A (Ab-780) Antibody	Human Mouse Rat	WB IHC
21050	STAT6 (Ab-641) Antibody	Human Rat	WB IHC
21051	STAT6 (Ab-645) Antibody	Human	WB IHC
21177	STAT1 (Ab-727) Antibody	Human Mouse Rat	WB IHC
21536	STAT2 (Ab-690) Antibody	Human	WB IHC

TGF-beta signaling



11036



11035



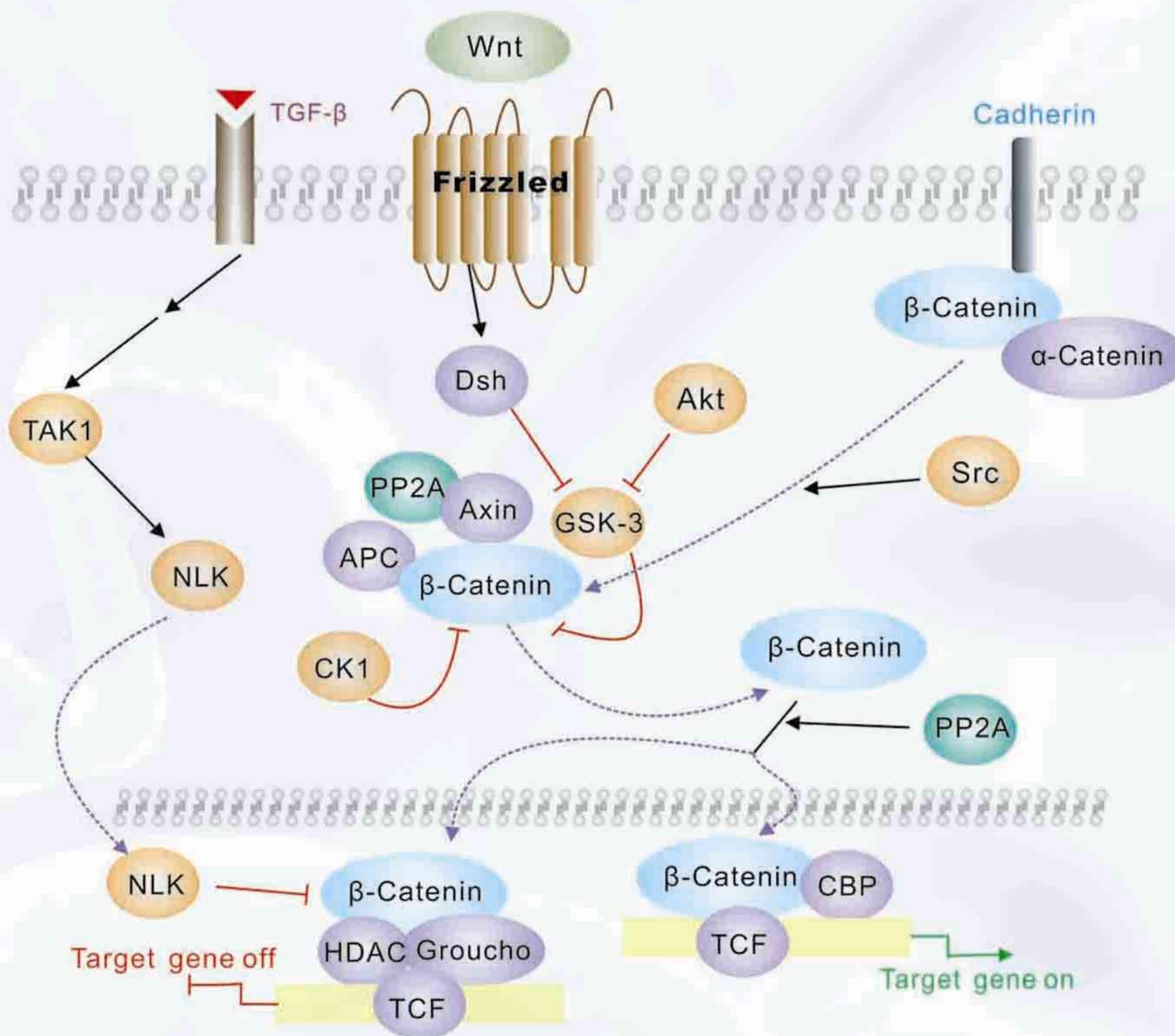
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21322

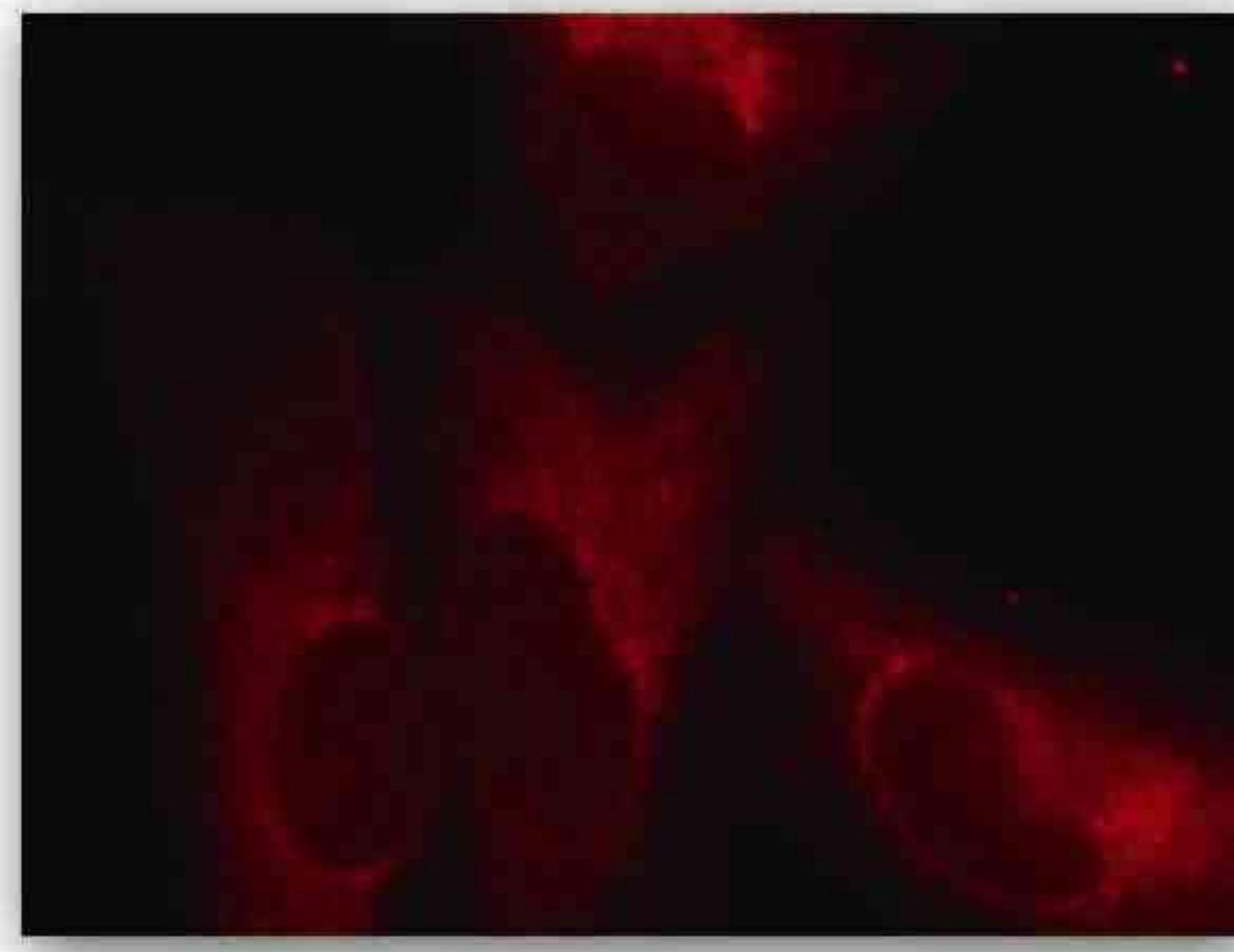
Cat. No.	Product name	Reactivity	Applications
11034	Myc (Phospho-Thr58) Antibody	Human Mouse Rat	WB IHC
11035	Myc (Phospho-Thr358) Antibody	Human Mouse Rat	WB IHC IF
11036	Myc (Phospho-Ser373) Antibody	Human Mouse Rat	WB IHC
11311	Myc (Phospho-Ser62) Antibody	Human Mouse Rat	IF
21034	Myc (Ab-58) Antibody	Human Mouse Rat	WB IHC
21035	Myc (Ab-358) Antibody	Human Mouse Rat	WB IHC
21036	Myc (Ab-373) Antibody	Human Mouse Rat	WB
11322	Smad2 (Phospho-Ser467) Antibody	Human Mouse Rat	WB
11323	Smad2 (Phospho-Thr220) Antibody	Human Mouse Rat	WB
11325	Smad3 (Phospho-Ser425) Antibody	Human Mouse Rat	IHC
21322	Smad2 (Ab-467) Antibody	Human Mouse Rat	WB IF
21323	Smad2 (Ab-220) Antibody	Human Mouse Rat	WB IHC
21324	Smad3 (Ab-208) Antibody	Human Mouse Rat	IHC IF
21325	Smad3 (Ab-425) Antibody	Human Mouse Rat	IHC IF
21405	PP2A-alpha antibody	Human Mouse Rat	WB
21620	Id2 Antibody	Human Mouse Rat	WB

Wnt/beta-catenin Signaling

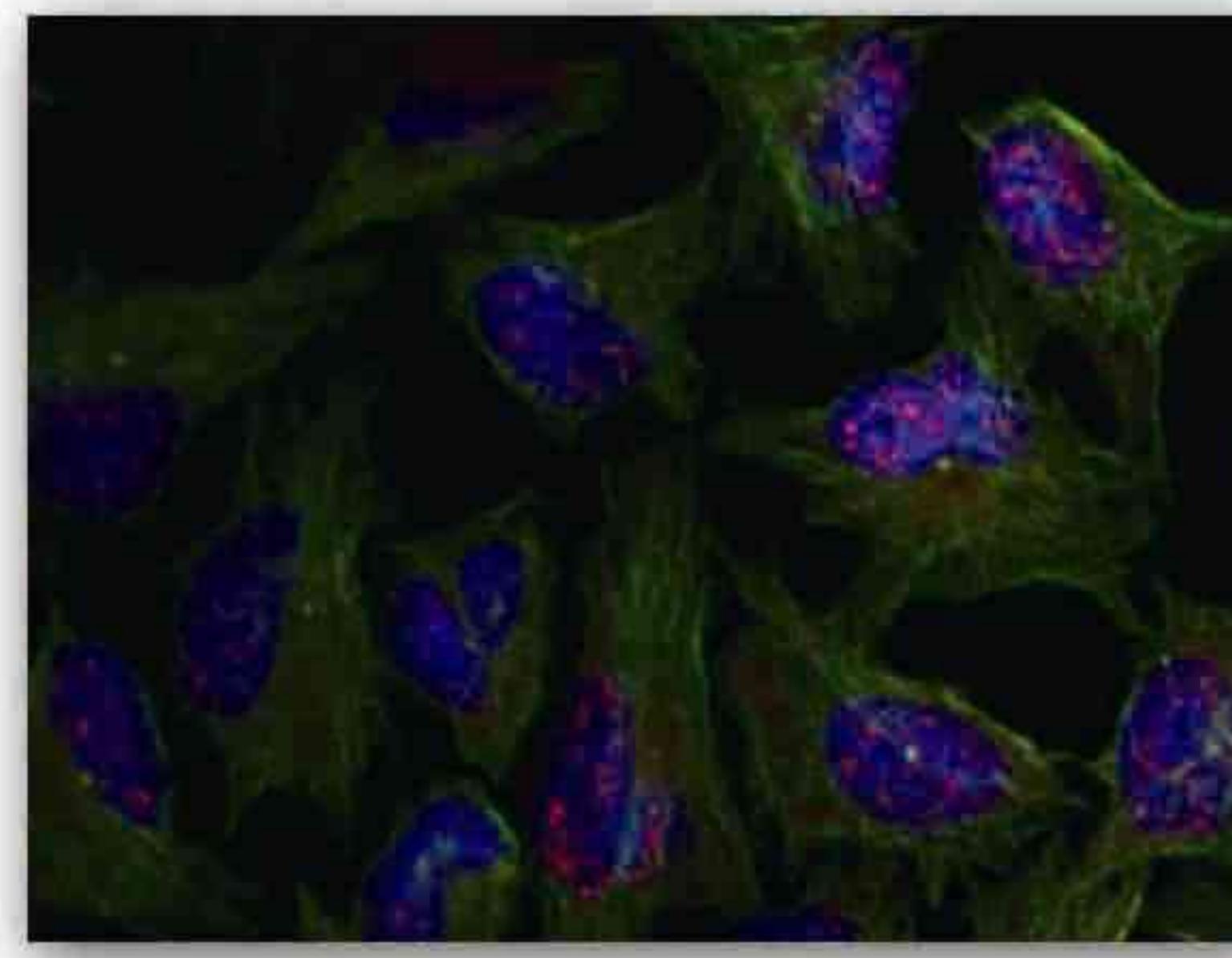


Cat. No.	Product name	Reactivity	Applications
11116	β-Catenin (Phospho-Thr41/Ser45) Antibody	Human	WB
11218	β-Catenin (Phospho-Ser33) Antibody	Human Mouse Rat	WB IHC IF
11219	β-Catenin (Phospho-Ser37) Antibody	Human Mouse Rat	WB IHC
11330	α-catenin (Phospho-Ser641) Antibody	Human Mouse	WB
11574	β-catenin (phospho-Tyr333) Antibody	Human	WB
21103	β-Catenin (Ab-41/45) Antibody	Human	WB
21211	β-Catenin (Ab-33) Antibody	Human Mouse Rat	WB IHC IF
21212	β-Catenin (Ab-37) Antibody	Human Mouse Rat	WB IHC IF
21330	α-catenin (Ab-641) Antibody	Human Mouse	WB
21520	β-Catenin (Ab-654) Antibody	Human Mouse Rat	WB
21574	β-catenin Antibody	Human	WB
11181	14-3-3 ζ (Phospho-Ser58) Antibody	Human Mouse Rat	WB IHC IF
21188	14-3-3 ζ (Ab-58) Antibody	Human Mouse Rat	WB IHC
11054	Akt (Phospho-Ser473) Antibody	Human Mouse Rat	WB IHC
11055	Akt (Phospho-Thr308) Antibody	Human Mouse Rat	WB IHC IF
11124	Akt2 (Phospho-Ser474) Antibody	Human Mouse Rat	WB IHC
11501	AKT1/AKT2/AKT3 (phospho-Tyr315/316/312) Antibody	Human Mouse Rat	WB IHC IF
11502	AKT1 (phospho-Thr450) Antibody	Human Mouse Rat	WB IHC IF
21054	Akt (Ab-473) Antibody	Human Mouse Rat	WB IHC
21055	Akt (Ab-308) Antibody	Human	WB IHC

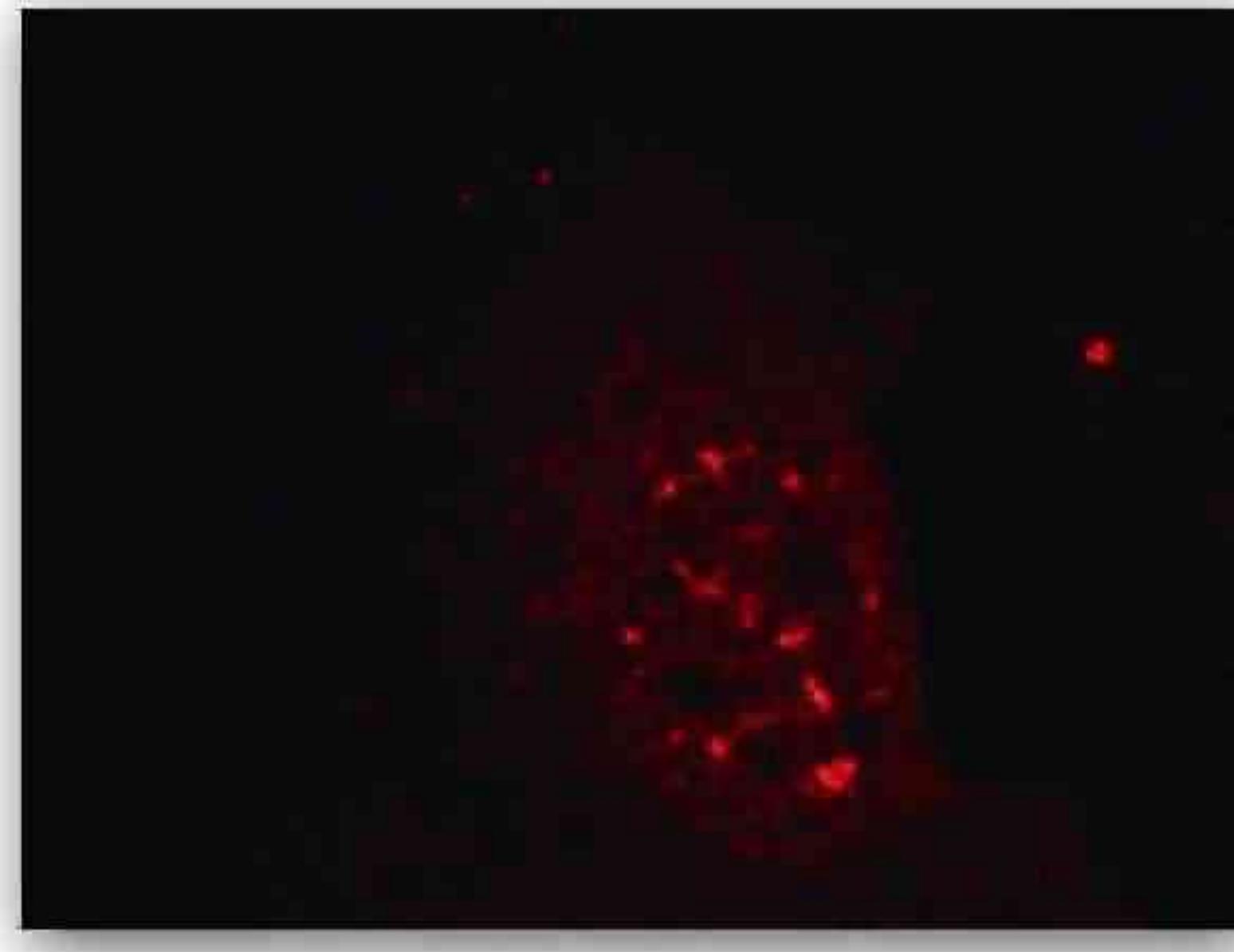
Cat. No.	Product name	Reactivity	Applications
21155	Akt2 (Ab-474) Antibody	Human Mouse Rat	WB IHC
21501	AKT1/AKT2/AKT3 (Ab-315/316/312) Antibody	Human Mouse Rat	IHC
21502	AKT1 (Ab-450) Antibody	Human Mouse Rat	WB IHC IF
11287	CaMKII (Phospho-Thr286) Antibody	Human Mouse Rat	WB
21279	CaMKII (Ab-286) Antibody	Human Mouse Rat	WB IF
11002	GSK3β (Phospho-Ser9) Antibody	Human Mouse Rat	WB IHC IF
11301	GSK3β (Phospho-Tyr216) Antibody	Human Mouse Rat	WB IHC IF
21002	GSK3β (Ab-9) Antibody	Human Mouse Rat	WB IHC IF
21301	GSK3β (Ab-216) Antibody	Human Mouse Rat	WB
21405	PP2A-alpha antibody	Human Mouse Rat	WB
21140	HDAC2 (Ab-394) Antibody	Human Mouse Rat	WB IHC IF
21141	HDAC4 (Ab-632) Antibody	Human Mouse Rat	WB IF
21142	HDAC5 (Ab-498) Antibody	Human	WB IHC
21517	HDAC4/HDAC5/HDAC9 (Ab-246/259/220) Antibody	Human Mouse Rat	WB IHC IF



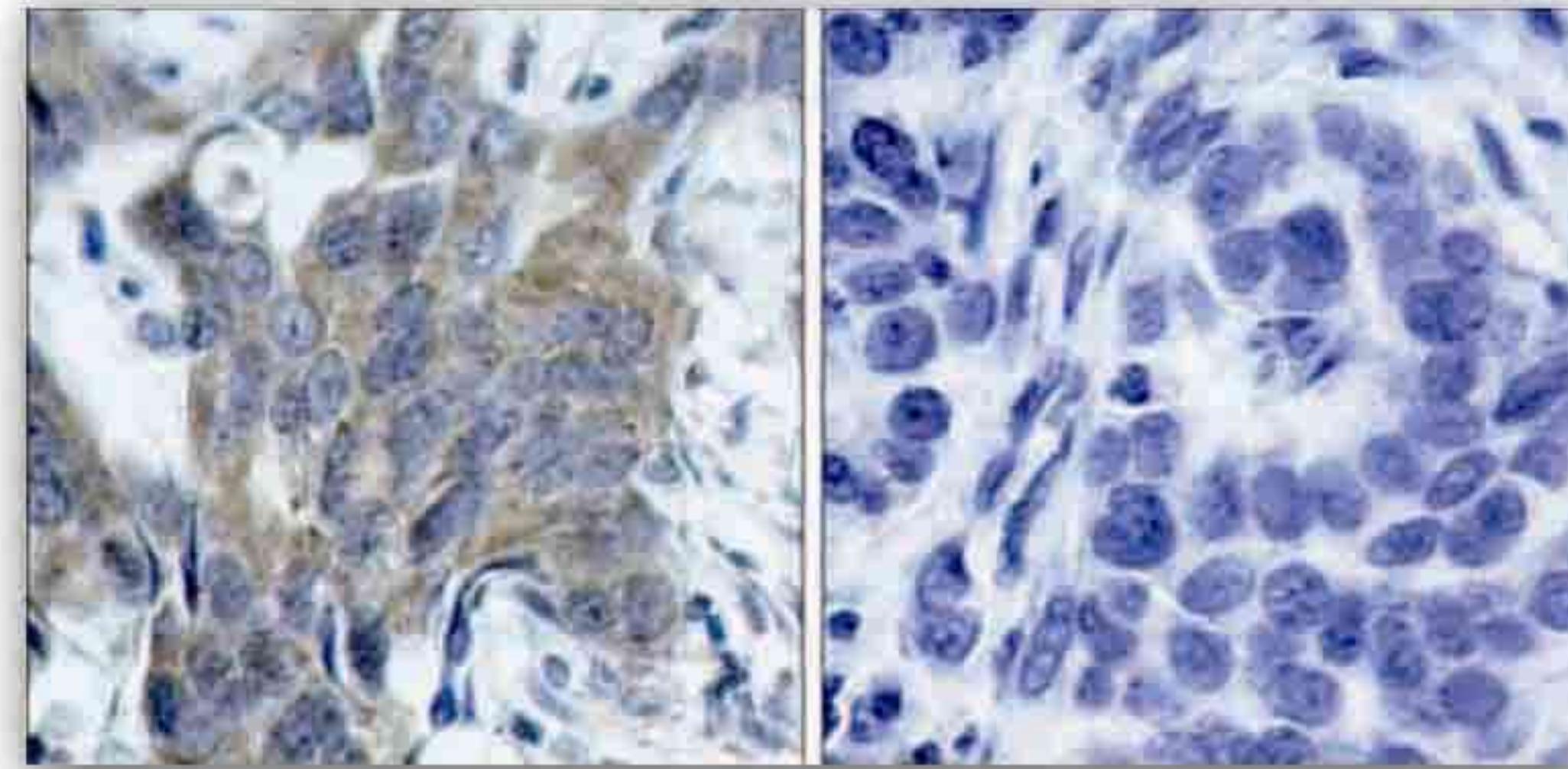
11181



11502



11055



11218

Published papers

Cat. 11572 CK2 α (phospho-Thr360/Ser362) Antibody

• Haitao Ji, Ji Wang, Heinz Nika, et al. (2009) EGF-Induced ERK Activation Promotes CK2-Mediated Disassociation of α -Catenin from β -Catenin and Transactivation of β -Catenin. Molecular Cell, 36 (4) :547–559

Cat.11045 STAT3 (Phospho-Tyr705) Antibody

• Yuan Guogang,Lu Qian ,Ming Shi (2008) HER2-dependent MMP-7 expression is mediated by activated STAT3.Cellular Signalling, 20:1284–1291

• H Yamaguchi, J Zhu, T Yu, et al. (2006) Low-level bisphenol A increases production of glial fibrillary acidic protein in differentiating astrocyte progenitor cells through excessive STAT3 and Smad1 activation.Toxicology, 226:131-142.

• Yamaguchi, J Zhu, T Yu, et al. (2007) Serum-free mouse embryo cells generate a self-sustaining feedback loop for an astrocyte marker protein and respond to cytokines and bisphenol A in accordance with the subtle difference in their differentiation state.Cell Biology International, 31(6):638-644.

• Li-Nan Ren , Qing-Fang Li , Feng-Jun Xiao, et al (2009)Endocrine glands-derived vascular endothelial growth factor protects pancreatic cancer cells from apoptosis via upregulation of the myeloid cell leukemia-1 protein.Biochemical and Biophysical Research Communications 386:35–39

• Jian-Guo Zhang, Jing Zhao, and Yan Xin, et al (2010) Significance and relationship between Cripto-1 and p-STAT3 expression in gastric cancer and precancerous lesions. World J Gastroenterol. 16(5): 571–577.

• Takuya Takeichi, Kazumitsu Sugiura, Yoshinao Muro, et al (2010)Overexpression of LEDGF/DFS70 Induces IL-6 via p38 Activation in HaCaT Cells, Similar to that Seen in the Psoriatic Condition. Journal of Investigative Dermatology 130, 2760-2767

Cat.11046 STAT3 (Phospho-Ser727) Antibody

• H Yamaguchi, J Zhu, T Yu, et al. (2006) Low-level bisphenol A increases production of glial fibrillary acidic protein in differentiating astrocyte progenitor cells through excessive STAT3 and Smad1 activation.Toxicology, 226:131-142.

• Yamaguchi, J Zhu, T Yu, et al. (2007) Serum-free mouse embryo cells generate a self-sustaining feedback loop for an astrocyte marker protein and respond to cytokines and bisphenol A in accordance with the subtle difference in their differentiation state.Cell Biology International, 31(6):638-644.

• Jian-Guo Zhang, Jing Zhao, and Yan Xin, et al (2010) Significance and relationship between Cripto-1 and p-STAT3 expression in gastric cancer and precancerous lesions. World J Gastroenterol. 16(5): 571–577.

Cat.11192 HDAC4 (Phospho-Ser632) Antibody

• S Lim, M Luo, M Koh, et al. (2007) Distinct Mechanisms Involving Diverse Histone Deacetylases Repress Expression of the Two Gonadotropin β -Subunit Genes in Immature Gonadotropes, and Their Actions Are overcome by Gonadotropin-Releasing Hormone.Molecular and Cellular Biology, 27(11):4105-4120.

Cat.21220 Met (Ab-1234) Antibody

• Na Li, Hanjiang Fu, Yi Tie, et al. (2008) miR-34a inhibits migration and invasion by down-regulation of c-Met expression in human hepatocellular carcinoma cells.Cancer Letters, 275(1):44-53

Cat.11193 HDAC5 (Phospho-Ser498) Antibody

• J Bossuyt, K Helmstadter, X Wu, et al. (2008) Ca2+/Calmodulin-Dependent Protein Kinase II {delta} and Protein Kinase D Overexpression Reinforce. Circulation Research, 102(6):695-702.

• Pang J, Yan C, Natarajan K, et al. (2008) GIT1 mediates HDAC5 activation by angiotensin II in vascular smooth muscle cells.Arteriosclerosis, Thrombosis, and Vascular Biology, 28(5):892-8.

• S Lim, M Luo, M Koh, et al. (2007) Distinct Mechanisms Involving Diverse Histone Deacetylases Repress Expression of the Two Gonadotropin β -Subunit Genes in Immature Gonadotropes, and Their Actions Are Overcome by Gonadotropin-Releasing Hormone.Molecular and Cellular Biology, 27(11):4105-4120.

• Weiye Wang, Chang Hoon Ha, Bong Sook Jhun,et al(2010)Fluid shear stress stimulates phosphorylation-dependent nuclear export of HDAC5 and mediates expression of KLF2 and eNOS. Blood, 115(14), 2971-2979.

• Sheng Xia,Xiaogang Li,Teri Johnson,et al (2010)Polycystin-dependent fluid flow sensing targets histone deacetylase 5 to prevent the development of renal cysts.Development, 137, 1075-1084.

Cat.21142 HDAC5 (Ab-498) Antibody

• Pang J, Yan C, Natarajan K, et al. (2008) GIT1 mediates HDAC5 activation by angiotensin II in vascular smooth muscle cells.Arteriosclerosis, Thrombosis, and Vascular Biology, 28(5):892-8.

• Weiye Wang, Chang Hoon Ha, Bong Sook Jhun,et al(2010)Fluid shear stress stimulates phosphorylation-dependent nuclear export of HDAC5 and mediates expression of KLF2 and eNOS. Blood, 115(14), 2971-2979.

Cat.11219 β -Catenin (Phospho-Ser37) Antibody

• Yuhua Li , Yinbo Niu , Huanjie Wu,et al.(2010) PC-407, a celecoxib derivative, inhibited the growth of colorectal tumor in vitro and in vivo. Cancer Science,100(12) 2451 – 2458

Cat.11321 Smad1 (Phospho-Ser465) Antibody

• Yamaguchi, J Zhu, T Yu, et al. (2007) Serum-free mouse embryo cells generate a self-sustaining feedback loop for an astrocyte marker protein and respond to cytokines and bisphenol A in accordance with the subtle difference in their differentiation state.Cell Biology International, 31(6):638-644.

Cat.11330 α -catenin (Phospho-Ser641) antibody

• Haitao Ji, Ji Wang, Heinz Nika, et al. (2009) EGF-Induced ERK Activation Promotes CK2-Mediated Disassociation of α -Catenin from β -Catenin and Transactivation of β -Catenin. Molecular Cell, 36:547–559

Cat.21212 β -Catenin (Ab-37) Antibody

• Qingsong Wang, Jintang He, Lingyao Meng,et al.(2010)A Proteomics Analysis of Rat Liver Membrane Skeletons: The Investigation of Actin- and Cytokeratin-Based Protein Components. Journal of Proteome Research, 9, 22–29

• Chih-Kai Liao, Seu-Mei Wang, Yuh-Lien Chen, et al (2010) Lipopolysaccharide-induced inhibition of connexin43 gap junction communication in astrocytes is mediated by downregulation of caveolin-3. The International Journal of Biochemistry & Cell Biology,In press

Cat.21211 β -Catenin (Ab-33) Antibody

• Lei Hana, Yang Yanga, Xiao Yue, et al (2010)Inactivation of PI3K/AKT signaling inhibits glioma cell growth through modulation of [beta]-catenin-mediated transcription. Brain Research, 1366, 9-17



Antibody Tools For Life Science Research

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