

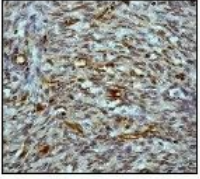


Catalog Number	GTX61100	Package: 100 µl
Product Name	VEGF Receptor 1 antibody [Y103]	
Full Name	fms-related tyrosine kinase 1	
Synonyms	VEGFR1 Antibody , FLT Antibody , VEGFR-1 Antibody , fms-related tyrosine kinase 1 Antibody , FLT-1 Antibody , FLT1 Antibody	
Product Description	Rabbit monoclonal antibody [Y103] to VEGF Receptor 1	
Specificity	This antibody recognises VEGF receptor 1 and its splice isoform sFlt1.	
Background	This gene encodes a member of the vascular endothelial growth factor receptor (VEGFR) family. VEGFR family members are receptor tyrosine kinases (RTKs) which contain an extracellular ligand-binding region with seven immunoglobulin (Ig)-like domains, a transmembrane segment, and a tyrosine kinase (TK) domain within the cytoplasmic domain. This protein binds to VEGFR-A, VEGFR-B and placental growth factor and plays an important role in angiogenesis and vasculogenesis. Expression of this receptor is found in vascular endothelial cells, placental trophoblast cells and peripheral blood monocytes. Multiple transcript variants encoding different isoforms have been found for this gene. Isoforms include a full-length transmembrane receptor isoform and shortened, soluble isoforms. The soluble isoforms are associated with the onset of pre-eclampsia.[provided by RefSeq, May 2009]	
Host	Rabbit	
Clonality	Monoclonal	
Clone Name	Y103	
Isotype	IgG	
Target	VEGF Receptor 1	
Immunogen	Synthetic peptide corresponding to residues in N terminus of human VEGF Receptor 1	
Antigen Species	Human	
Species Reactivity	Human, Mouse, Rat	
Applications	FACS, ICC/IF, IHC-Fr, IHC-P, IP, WB	
Form Supplied	Liquid	
Purification	IgG fraction	
Concentration	0.02 mg/ml (Please refer to the vial label for the specific concentration)	
Storage Buffer	PBS containing 50% Glycerol, 0.05% BSA and 0.01% Sodium azide.	
Storage Instruction	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.	
Notes	For <i>In vitro</i> laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. RabMAB® technology is covered by the following U.S. Patents, No. 5,675,063 and/or 7,429,488.	
ResearchArea	Cancer > Angiogenesis Cancer > Hypoxia Cancer > Type of cancer > Breast > Other	



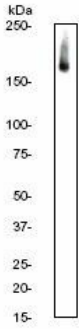
GTX61100 ICC/IF Image

ICC/IF analysis of A431 cells using VEGF Receptor 1 antibody [Y103] at a dilution of 1:250.



GTX61100 IHC-P Image

IHC-P analysis of skin cancer using VEGF Receptor 1 antibody [Y103] at a dilution of 1:250.



GTX61100 WB Image

WB analysis of mouse brain lysate using VEGF Receptor 1 antibody [Y103] at a dilution of 1:10,000.