Product Datasheet

CDC2(Ab-15) Antibody

Catalog No: #21236

Package Size: #21236-1 50ul #21236-2 100ul #21236-4 25ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	CDC2(Ab-15) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB IHC IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total CDC2 protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa. 13~17 (G-T-Y-G-V) derived from Human CDC2.
Target Name	CDC2
Other Names	CDC28; CDC2A; CDK1; Cyclin-dependent kinase 1;
Accession No.	Swiss-Prot: P06493NCBI Protein: NP_001163877.1
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

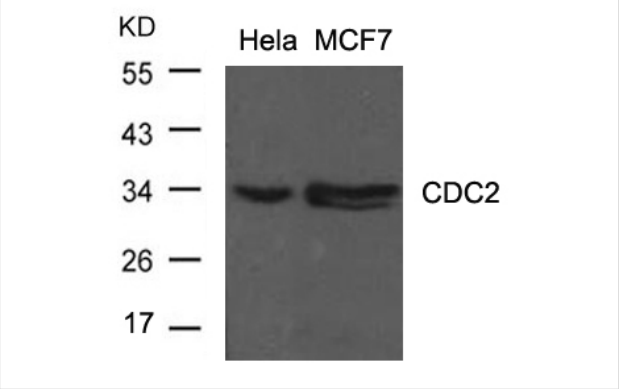
Predicted MW: 34kd

Western blotting: 1:500~1:1000

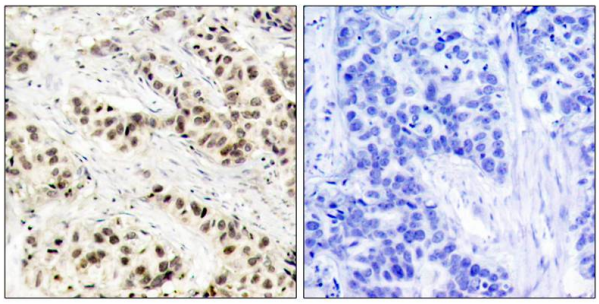
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

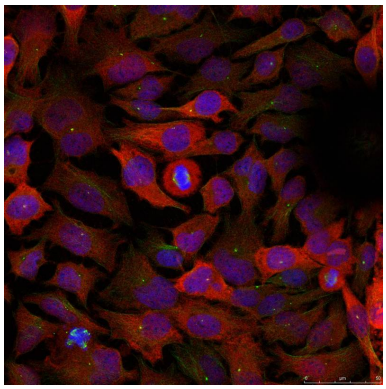
Images



Western blot analysis of extracts from Hela and MCF cells using CDC2(Ab-15) Antibody #21236.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using CDC2(Ab-15) Antibody #21236(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed Hela cells using CDC2(Ab-15) Antibody #21236.

Background

Plays a key role in the control of the eukaryotic cell cycle. It is required in higher cells for entry into S-phase and mitosis. p34 is a component of the kinase complex that phosphorylates the repetitive C-terminus of RNA polymerase II.

Y Gu, et al. (1992) EMBO J. 11(11): 3995

Note: This product is for in vitro research use only and is not intended for use in humans or animals.