CDK1 Rabbit mAb

Catalog No: #58629

Package Size: #58629-1 50ul #58629-2 100ul

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

Description

Product Name	CDK1 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF IP
Species Reactivity	Human
Specificity	CDK1 Antibody detects endogenous levels of total CDK1
Immunogen Description	A synthesized peptide derived from human CDK1
Other Names	CDC2; CDC28A; P34CDC2; CDK1;
Accession No.	Uniprot:P06493
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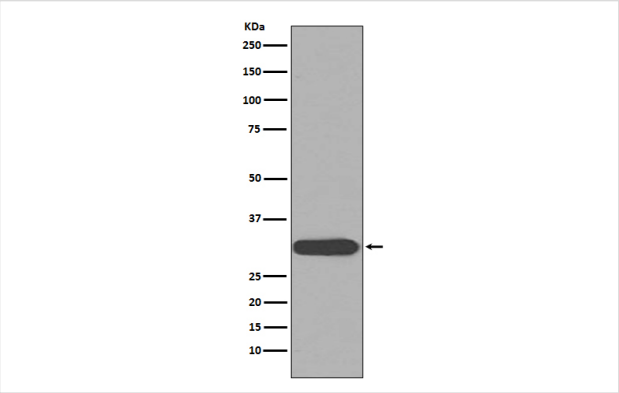
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

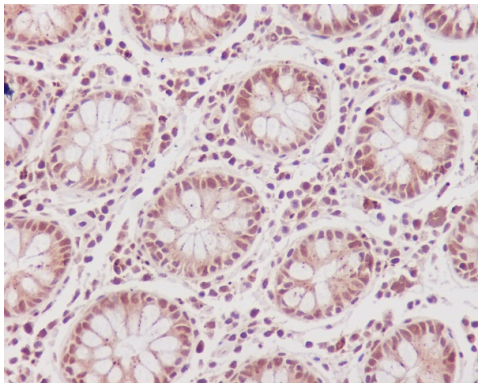
Application Details

WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:50

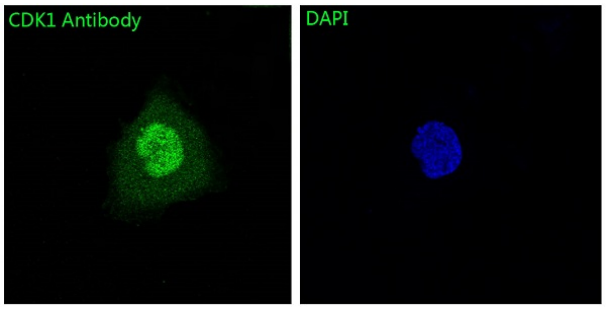
Images



Western blot analysis of CDK1 expression in HeLa cell lysate.



Immunohistochemical analysis of paraffin-embedded human colon, using CDK1 Antibody.



Immunofluorescent analysis of Hela cells, using CDK1 Antibody .

Product Description

The cell division control protein cdc2, also known as cyclin-dependent kinase 1 (Cdk1) or p34/cdk1, plays a key role in the control of the eukaryotic cell cycle, where it is required for entry into S-phase and mitosis. Cdc2 exists as a complex with both cyclin A and cyclin B. The best characterized of these associations is the Cdc2 p34 cyclin B complex, which is required for the G2 to M phase transition. Activation of Cdc2 is controlled at several steps including cyclin binding and phosphorylation of threonine 161.

Background

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Note: This product is for in vitro research use only