

Anti-CDK1 Mouse mAb

Purified Mouse Monoclonal Antibody

Catalog # M011658

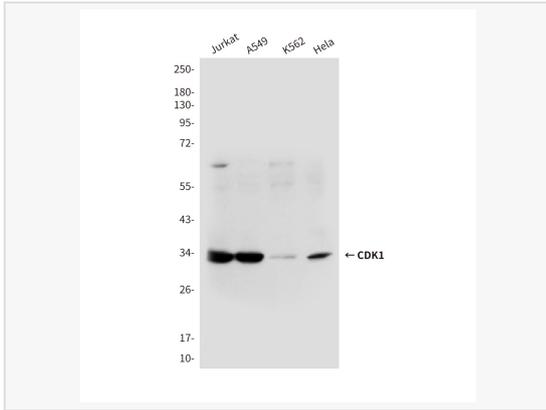
Product Information

Application	WB, ICC/IF (Cell), ELISA
Reactivity	Human
Dilution	WB 1:500~1:1,000; IF 1:50~1:200
Host	Mouse
Clonality	Monoclonal
Clone No.	60M21K84
Isotype	IgG2b
Label	Unconjugated
Immunogen	Purified recombinant human CDC2/CDK1 protein fragments expressed in E.coli.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-CDK1 antibody [60M21K84] is for research use only and not for use in diagnostic or therapeutic procedures.

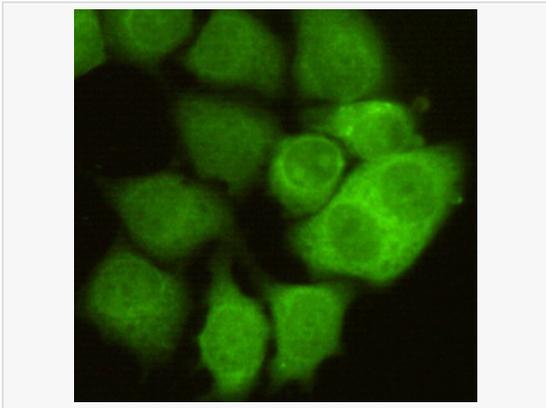
Protein Information

Synonyms	CDK1, CDC2, CDC28A, CDKN1, P34CDC2, Cyclin-dependent kinase 1, CDK1, Cell division control protein 2 homolog, Cell division protein kinase 1, p34 protein kinase.
Calculated MW	Calculated MW: 34 kDa; Observed MW: 34 kDa
Uniprot ID	P06493
Gene ID	983
Background	The protein encoded by this gene is a member of the Ser/Thr protein kinase family. This protein is a catalytic subunit of the highly conserved protein kinase complex known as M-phase promoting factor (MPF), which is essential for G1/S and G2/M phase transitions of eukaryotic cell cycle. Mitotic cyclins stably associate with this protein and function as regulatory subunits.

Validation Images



Western blot analysis of CDC2/CDK1 in K562, A549, Jurkat and HeLa lysates using CDC2/CDK1 antibody.



Immunocytochemistry analysis of CDK1 in HeLa cells using CDK1 antibody.