

Product Name: CDK1 (3B9) Mouse Monoclonal Antibody
Catalog #: AMM03454

Summary

Production Name	CDK1 (3B9) Mouse Monoclonal Antibody
Description	Primary antibody
Host	Mouse
Application	WB,ICC/IF
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG2b
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	CDK1
Alternative Names	CDK1; CDC2; CDC28A; CDKN1; P34CDC2; Cyclin-dependent kinase 1; CDK1; Cell division control protein 2 homolog; Cell division protein kinase 1; p34 protein kinase
Gene ID	983
SwissProt ID	P06493

Application

Dilution Ratio	WB: 1/500-1/1000 IF: 1/50-1/200
Molecular Weight	Calculated MW: 34 kDa; Observed MW: 34 kDa

Background

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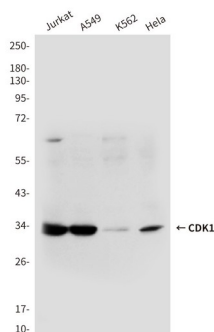


The protein encoded by this gene is a member of the Ser/Thr protein kinase family. This protein is a catalytic subunit of the highly conserved protein kinase complex known as M-phase promoting factor (MPF), which is essential for G1/S and G2/M phase transitions of eukaryotic cell cycle. Mitotic cyclins stably associate with this protein and function as regulatory subunits.

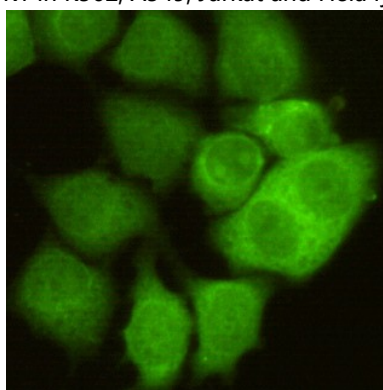
Research Area

Cell Biology

Image Data



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.

Note

For research use only.