

Mouse CDK1 Antibody | anti-CDK1 antibody

CDK1 Antibody

CATALOG # AAA108717	HOST Mouse	REACTIVITY Human, Mouse, Rat, Monkey	APPLICATIONS ELISA, Western Blot
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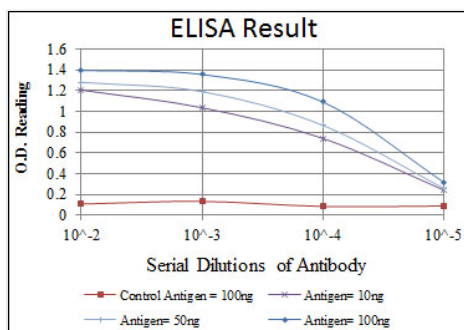
PRODUCT SYNONYMS

CDK1; CDK1 Antibody; CDC2; CDC28A; P34CDC2; MGC111195; DKFZp686L20222; anti-CDK1 antibody

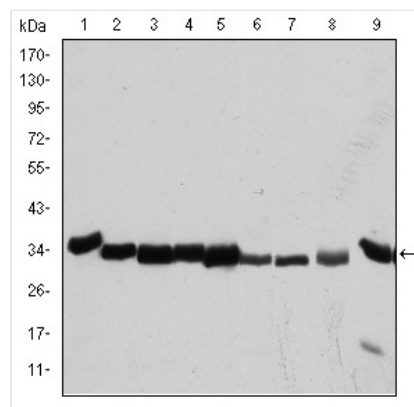
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat, Monkey
Isotype	IgG1
Clone Number	5A6
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	109
Applicable Applications for anti-CDK1 antibody	ELISA, WB (Western Blot)
Immunogen	Purified recombinant fragment of human CDK1 expressed in E. Coli.
Preparation and Storage	Store at 4°C, for long term storage, store at -20°C.

IMAGES



Application Data



WB (Western Blot)

Figure 1: Western blot analysis using CDK1 mouse mAb against HeLa (1), Jurkat (2), K562 (3), A431 (4), MCF-7 (5), RAW264.7 (6), NIN/3T3 (7), PC-12 (8), and Cos7 (9) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-CDK1 antibody	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. The kinase activity of this protein is controlled by cyclin accumulation and destruction through the cell cycle. The phosphorylation and dephosphorylation of this protein also play important regulatory roles in cell cycle control.
Product Categories/Family for anti-CDK1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	281427278
NCBI GeneID	983
NCBI Accession #	NP_001163877.1
NCBI GenBank Nucleotide #	NM_001170406.1
UniProt Accession #	P06493; O60764; A8K7C4; C9J497
Molecular Weight	34kDa
NCBI Official Full Name	cyclin-dependent kinase 1 isoform 4
NCBI Official Synonym Full Names	cyclin dependent kinase 1
NCBI Official Symbol	CDK1
NCBI Official Synonym Symbols	CDC2; CDC28A; P34CDC2
NCBI Protein Information	cyclin-dependent kinase 1
UniProt Protein Name	Cyclin-dependent kinase 1
UniProt Gene Name	CDK1
UniProt Synonym Gene Names	CDC2; CDC28A; CDKN1; P34CDC2; CDK1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mouse-human-monkey-mouse-rat-antibody/cdk1/108717>