

Mouse CDK4 Monoclonal Antibody | anti-CDK4 antibody

CDK4 Mouse mAb

CATALOG # AAA320333	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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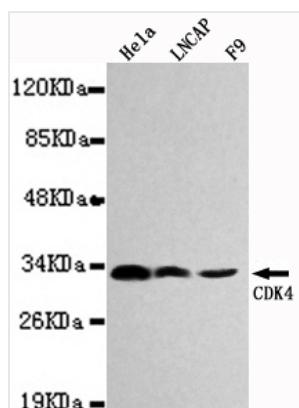
PRODUCT SYNONYMS

CDK4; Monoclonal Antibody; CDK4 Mouse mAb; Cdk 4; cdk4; CDK4 protein; CDK4_HUMAN; Cell division kinase 4; Cell division protein kinase 4; CMM 3; CMM3; Crk3; Cyclin dependent kinase 4; Cyclin-dependent kinase 4; Melanoma cutaneous malignant 3; MGC14458; p34 cdk4; PSK J3; PSK-J3.; anti-CDK4 antibody

PRODUCT SPECIFICATIONS

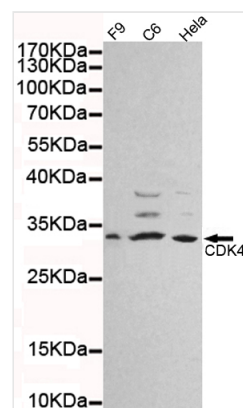
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Specificity	This antibody detects endogenous levels of CDK4 and does not cross-react with related proteins.
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CDK4 antibody	WB (Western Blot)
Immunogen	Purified recombinant human CDK4 protein fragments expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



WB (Western Blot)

Western blot detection of CDK4 in HeLa, Lncap and F9 cell lysates using CDK4 mouse mAb (1:1000 diluted). Predicted band size: 34KDa. Observed band size: 33KDa.



WB (Western Blot)

Western blot detection of CDK4 in HeLa, C6 and F9 cell lysates using CDK4 mouse mAb (1:1000 diluted). Predicted band size: 34KDa. Observed band size: 34KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-CDK4 antibody	cyclin dependent kinase 4(CDK4) Homo sapiens The protein encoded by this gene is a member of the Ser/Thr protein kinase family. This protein is highly similar to the gene products of S. cerevisiae cdc28 and S. pombe cdc2. It is a catalytic subunit of the protein kinase complex that is important for cell cycle G1 phase progression. The activity of this kinase is restricted to the G1-S phase, which is controlled by the regulatory subunits D-type cyclins and CDK inhibitor p16(INK4a). This kinase was shown to be responsible for the phosphorylation of retinoblastoma gene product (Rb). Mutations in this gene as well as in its related proteins including D-type cyclins, p16(INK4a) and Rb were all found to be associated with tumorigenesis of a variety of cancers. Multiple polyadenylation sites of this gene have been reported. [provided by RefSeq, Jul 2008]
Product Categories/Family for anti-CDK4 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502735
NCBI GeneID	1019
NCBI Accession #	NP_000066.1
NCBI GenBank Nucleotide #	NM_000075.3
UniProt Accession #	P11802; O00576; Q6FG61
Molecular Weight	34kDa
NCBI Official Full Name	cyclin-dependent kinase 4
NCBI Official Synonym Full Names	cyclin-dependent kinase 4
NCBI Official Symbol	CDK4
NCBI Official Synonym Symbols	CMM3; PSK-J3
NCBI Protein Information	cyclin-dependent kinase 4; cell division protein kinase 4
UniProt Protein Name	Cyclin-dependent kinase 4
UniProt Gene Name	CDK4
UniProt Entry Name	CDK4_HUMAN

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/monoclonal/cdk4-antibody-western-blot-elisa/320333>