

Rabbit CDK2 Monoclonal Antibody | anti-CDK2 antibody

Recombinant CDK2 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA178765	Rabbit	Human, Rat, Hamster	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

CDK2; Monoclonal Antibody; Recombinant CDK2 Monoclonal Antibody; Cdc2 related protein kinase; cdc2-related protein kinase; CDC28; CDC2A; Cdk 2; CDK1; CDKN2; Cell division kinase 2; Cell division protein kinase 2; Cyclin dependent kinase 2; cyclin dependent kinase 2-alpha; Cyclin-dependent kinase 2; kinase Cdc2; MPF; p33 protein kinase; p33(CDK2); anti-CDK2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat, Hamster
Clonality	Monoclonal
Isotype	IgG
Clone Number	R04-1D5
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Concentration	300ug/mL (varies by lot)
Applicable Applications for anti-CDK2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human Cdk2
Research Area	Cancer, Cell Biology, Epigenetics and Nuclear Signaling
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



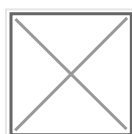
IF (Immunofluorescence)

Immunofluorescence of CDK2(green) in HeLa cells using CDK2 Rabbit mAb at dilution 1:200, and DAPI(blue)



IHC (Immunohistochemistry)

Immunohistochemistry of Cdk2 in paraffin-embedded Human tonsil using Cdk2 Rabbit mAb at dilution 1:100



WB (Western Blot)

Western blot detection of CDK2 in Jurkat, C6, CHO-K1, HeLa cell lysates using CDK2 Rabbit mAb(1:1000 diluted). Predicted band size: 34kDa. Observed band size: 34kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-CDK2 antibody	CDK2(Cyclin-dependent kinase 2) is also named as CDKN2 and belongs to the protein kinase superfamily,CMGC Ser/Thr protein kinase family,CDC2/CDKX subfamily.It is involved in the control of the cell cycle; essential for meiosis,but dispensable for mitosis.It has 2 isoforms produced by alternative splicing.
Product Categories/Family for anti-CDK2 antibody	Antibodies; Primary Antibodies; Recombinant Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	16936528
NCBI GeneID	1017
NCBI Accession #	NP_001789.2
NCBI GenBank Nucleotide #	NM_001798.3
UniProt Accession #	P24941; O75100; A8K7C6
Molecular Weight	33,930 Da
NCBI Official Full Name	cyclin-dependent kinase 2 isoform 1
NCBI Official Synonym Full Names	cyclin-dependent kinase 2
NCBI Official Symbol	CDK2
NCBI Official Synonym Symbols	p33(CDK2)
NCBI Protein Information	cyclin-dependent kinase 2; p33 protein kinase; cell devision kinase 2; cdc2-related protein kinase; cell division protein kinase 2
UniProt Protein Name	Cyclin-dependent kinase 2
UniProt Gene Name	CDK2
UniProt Synonym Gene Names	CDKN2
UniProt Entry Name	CDK2_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/cdk2-antibody-clone-r04-1d5-immunofluorescence-immunohistochemistry-western-blot-elisa/178765>