

Mouse anti-Human, Rat CDK6 Monoclonal Antibody | anti-CDK6 antibody

Mouse Monoclonal [clone 8H4] (IgG1,k) to Human CDK6

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51877	Mouse	Human, Rat	ELISA, Western Blot, Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

CDK6; Monoclonal Antibody; Mouse Monoclonal [clone 8H4] (IgG1; k) to Human CDK6; Anti-CDK6 Antibody (clone 8H4) IHC-plus; CDKN6; Cell division protein kinase 6; Cyclin-dependent kinase 6; Crk2; PLSTIRE; Human CDK6; anti-CDK6 antibody

PRODUCT SPECIFICATIONS

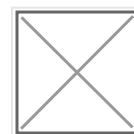
Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	8H4
Specificity	Human Cdk6
Purity/Purification	Protein A Purified
Form/Format	PBS, pH 7.2
Concentration	1 mg/ml (varies by lot)
Sequence Length	326
Applicable Applications for anti-CDK6 antibody	ELISA, WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	CDK6 (NP_001250, 3 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Immunogen	CDK6 antibody was raised against cdk6 (NP_001250, 3 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Preparation and Storage	Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles.

IMAGES



WB (Western Blot)

CDK6 monoclonal antibody (M01), clone 8H4. Western blot of CDK6 expression in PC-12.



WB (Western Blot)

CDK6 monoclonal antibody (M01), clone 8H4 Western blot of CDK6 expression in Jurkat.

**WB (Western Blot)**

Western blot of CDK6 expression in transfected 293T cell line by CDK6 monoclonal antibody (M01), clone 8H4.

**IF (Immunofluorescence)**

Immunofluorescence of monoclonal antibody to CDK6 on HeLa cell. [antibody concentration 10 ug/ml]

**IHC (Immunohistochemistry)**

Anti-CDK6 antibody IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-CDK6 antibody	CDK6, a CDC2/CDK type protein kinase, is the catalytic subunit of the protein kinase complex implicated in cell cycle G1 phase progression and G1/S transition. CDK6 interacts with D-type of cyclins and has been shown to phosphorylate the tumor suppressor retinoblastoma protein (Rb). CDK6 is inhibited by the CDK inhibitor CDKN2A. At least three mRNA variants have been reported -- 6-, 8.5- and 13-kb.
Product Categories/Family for anti-CDK6 antibody	Family: Protein Kinase ; Subfamily: CDC2/CDK

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502741
NCBI GeneID	1021
NCBI Accession #	NP_001250.1
NCBI GenBank Nucleotide #	NM_001259.6
UniProt Accession #	Q00534 ; A4D1G0
Molecular Weight	36,938 Da
NCBI Official Full Name	cyclin-dependent kinase 6
NCBI Official Synonym Full Names	cyclin-dependent kinase 6
NCBI Official Symbol	CDK6
NCBI Official Synonym Symbols	MCPH12; PLSTIRE
NCBI Protein Information	cyclin-dependent kinase 6; cell division protein kinase 6; serine/threonine-protein kinase PLSTIRE
UniProt Protein Name	Cyclin-dependent kinase 6
UniProt Gene Name	CDK6
UniProt Synonym Gene Names	CDKN6
UniProt Entry Name	CDK6_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/cdk6-antibody-clone-8h4-western-blot-immunofluorescence-immunohistochemistry-elisa/51877>