

Rabbit anti-Human, Mouse CDK2 Monoclonal Antibody | anti-CDK2 antibody

CDK2 RMa

CATALOG # AAA59287	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry
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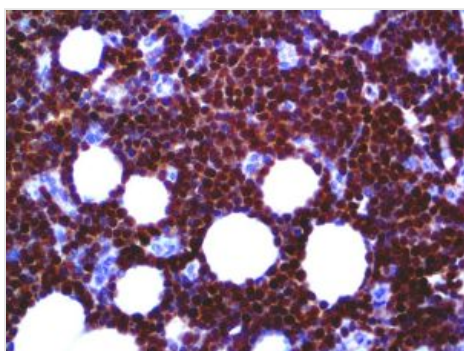
PRODUCT SYNONYMS

CDK2; Monoclonal Antibody; CDK2 RMa; anti-CDK2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG
Clone Number	RBT-CDK2
Form/Format	CDK2 is a rabbit monoclonal antibody derived from cell culture supernatant that is concentrated, dialyzed, filter sterilized and diluted in buffer pH 7.5, containing BSA and sodium azide as a preservative.
Sequence Length	298
Applicable Applications for anti-CDK2 antibody	IHC (Immunohistochemistry)
Localization	Nuclear
Control	Testis, Tonsil, Prostate
Intended Use	This antibody is intended for use in Immunohistochemical applications on formalin-fixed paraffin-embedded tissues (FFPE), frozen tissue sections and cell preparations. Interpretation of results should be performed by a qualified medical professional.
Immunogen	A synthetic peptide corresponding to the N-terminus of the human CDK2 protein.
Preparation and Storage	Store at 2 to 8 degree C in the dark.

IMAGES



IHC (Immunohistochemistry)
IHC of CDK2 on an FFPE Lymphoblastic Lymphoma Tissue

Antibody Type	Dilution	Volume/Qty
Tinto Prediluted	Ready-to-Use	3.0 mL
Tinto Prediluted	Ready-to-Use	7.0 mL
Tinto Prediluted	Ready-to-Use	15.0 mL
Concentrated	1:25 - 1:100	0.1 mL
Concentrated	1:25 - 1:100	0.5 mL
Concentrated	1:25 - 1:100	1.0 mL
Control Slides	Not Applicable	5 slides

Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-CDK2 antibody	CDK2 (also known as Cyclin-dependent kinase 2 or cell division protein kinase 2) is a 33 kDa enzyme that in humans is encoded by the CDK2 gene on Chromosome 12. CDK2 is a catalytic subunit of the cyclin-dependent kinase complex, whose activity is restricted to the G1-S phase of the cell cycle, and is essential for the cellular G1/S transition. Studies indicate that over expression of CDK2 may cause the abnormal regulation of cell-cycle, which would could directly contribute to hyper-proliferation of cancerous cells. HOX genes, which play a key role in cell differentiation and morphogenesis, are regulated by CDK2. Studies have shown that HOXA7 promoted cell proliferation (mediated by cyclin E1/CDK2) is evident in cases of Hepatocellular carcinoma, indicating that CDK2 may prove to be a useful marker in such cases.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16936528
NCBI GeneID	1017
NCBI Accession #	NP_001789.2
NCBI GenBank Nucleotide #	NM_001798.4
Molecular Weight	30,035 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	CDKN2; p33(CDK2)
NCBI Protein Information	cyclin-dependent 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://www.aaabiotech.com/monoclonal/cdk2-antibody-clone-rbt-cdk2-immunohistochemistry-elisa/59287>