

Mouse anti-Human Cyclin D1 Monoclonal Antibody | anti-cyclin D1 antibody

Anti-Cyclin D1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA214177	Mouse	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

Cyclin D1; Monoclonal Antibody; Anti-Cyclin D1 Antibody; anti-cyclin D1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a
Specificity	Anti-Cyclin D1 Antibody recognizes human Cyclin D1
Purity/Purification	Affinity-purified from hybridoma supernatant by affinity-chromatography.
Form/Format	Liquid
Concentration	100ug/100ul (varies by lot)
Sequence Length	125
Applicable Applications for anti-cyclin D1 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Recombinant protein corresponding to human Cyclin D1
Storage Buffer	PBS, pH 7.4 with 0.05% sodium azide
Preparation and Storage	This product is stable for several weeks at 4 degree C as an undiluted liquid. Dilute only prior to immediate use. For extended storage, aliquot contents and freeze at -20 degree C or below. Avoid cycles of freezing and thawing. Expiration date is one (1) year from date of receipt.

ADDITIONAL INFORMATION

Related Product Information for anti-cyclin D1 antibody	The DMITF1 encodes a transcription factor that contains a cyclin-D binding domain. Expression of this gene is frequently reduced in 40% of human non-small-cell lung carcinomas due to hemizygous gene deletion, strongly suggesting that this locus is haploinsufficient for tumor suppression. The Cyclin D1 is induced by the oncogenic Ras signalling pathway and functions as a tumor suppressor by activating the transcription of ARF to arrest cell growth or induce apoptosis. Other diseases related with the DMITF1 gene include parathyroid adenomas and mantle-cell lymphoma (MCL). The Anti-Cyclin D1 Antibody is a useful tool in cancer research particularly in studying oncogenesis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11414805
UniProt Accession #	Q9H014
NCBI Official Full Name	cyclin D1, partial
UniProt Protein Name	Cyclin D1

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/cyclin-d1-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/214177>