

Rabbit anti-Human Cyclin D1 Monoclonal Antibody | anti-CCND1 antibody

Cyclin D1 (G1-Cyclin & Mantle Cell Lymphoma Marker) Recombinant Rabbit Monoclonal Antibody [Clone CCND1/3370R]

CATALOG # AAA215888	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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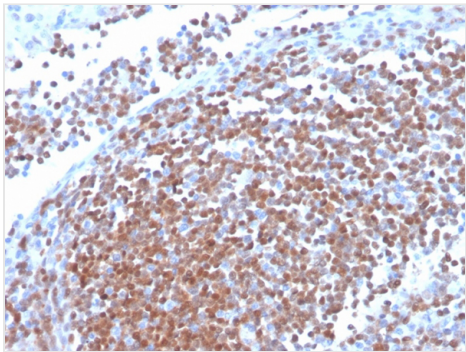
PRODUCT SYNONYMS

Cyclin D1; Monoclonal Antibody; Cyclin D1 (G1-Cyclin & Mantle Cell Lymphoma Marker) Recombinant Rabbit Monoclonal Antibody [Clone CCND1/3370R]; Cyclin D1 (G1-Cyclin & Mantle Cell Lymphoma Marker); B cell CLL/lymphoma 1; B cell leukemia 1; B-cell lymphoma 1 protein; BCL-1 oncogene; CCND1 protein; CCND1/FSTL3 fusion gene; CCND1/IGHG1 fusion gene CCND1/IGLC1 fusion gene; CCND1/PTH fusion gene; G1/S-specific cyclin-D1; Parathyroid adenomatosis 1; PRAD1 oncogene; anti-CCND1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit/IgG
Clone Number	CCND1/3370R
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-CCND1 antibody	IHC (Immunohistochemistry)
Antibody Type	Recombinant Antibody
Immunogen	A synthetic peptide corresponding to residues within aa 270-295 of Cyclin D1
Cellular Localization	Nuclear
Positive Control	Human mantle cell lymphoma, breast or bladder carcinomas.
Hu-chromosome Location	11q13.2
Unigene	523852 & 667996
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human mantle cell lymphoma stained Cyclin D1
Recombinant Rabbit Monoclonal Antibody (CCND1/3370R).

ADDITIONAL INFORMATION

Related Product Information for anti-CCND1 antibody	Recognizes a protein of 36kDa, identified as cyclin D1. Cyclin D1, one of the key cell cycle regulators, is a putative proto-oncogene overexpressed in a wide variety of human neoplasms. This antibody neutralizes the activity of cyclin D1 in vivo. About 60% of mantle cell lymphomas (MCL) contain a t(11; 14)(q13; q32) translocation resulting in over-expression of cyclin D1. This antibody is useful in identifying mantle cell lymphomas (cyclin D1 positive) from CLL/SLL and follicular lymphomas (cyclin D1 negative). Occasionally, hairy cell leukemia and plasma cell myeloma weakly express Cyclin D1.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16950655
NCBI GeneID	595
NCBI Accession #	NP_444284.1
NCBI GenBank Nucleotide #	NM_053056.2
UniProt Accession #	P24385; Q6LEF0
Molecular Weight	33,729 Da
NCBI Official Full Name	G1/S-specific cyclin-D1
NCBI Official Synonym Full Names	cyclin D1
NCBI Official Symbol	CCND1
NCBI Official Synonym Symbols	BCL1; PRAD1; U21B31; D11S287E
NCBI Protein Information	G1/S-specific cyclin-D1; BCL-1 oncogene; PRAD1 oncogene; B-cell CLL/lymphoma 1; B-cell lymphoma 1 protein
UniProt Protein Name	G1/S-specific cyclin-D1
UniProt Gene Name	CCND1
UniProt Synonym Gene Names	BCL1; PRAD1; BCL-1
UniProt Entry Name	CCND1_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.