

Cyclin D1 Antibody

Catalog No: #48497

Package Size: #48497-1 50ul #48497-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Cyclin D1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Peptide affinity purified
Applications	WB, IHC
Species Reactivity	Hu,Ms,Rt
Immunogen Description	peptide
Other Names	AI327039 antibody B cell CLL/lymphoma 1 antibody B cell leukemia 1 antibody B cell lymphoma 1 protein antibody B-cell lymphoma 1 protein antibody BCL 1 antibody BCL-1 antibody BCL-1 oncogene antibody BCL1 antibody BCL1 oncogene antibody ccnd1 antibody CCND1/FSTL3 fusion gene, included antibody CCND1/IGHG1 fusion gene, included antibody CCND1/IGLC1 fusion gene, included antibody CCND1/PTH fusion gene, included antibody CCND1_HUMAN antibody cD1 antibody Cyl 1 antibody D11S287E antibody G1/S specific cyclin D1 antibody G1/S-specific cyclin-D1 antibody Parathyroid adenomatosis 1 antibody PRAD1 antibody PRAD1 oncogene antibody U21B31 antibody
Accession No.	Swiss-Prot#:P25322
Uniprot	P25322
GeneID	12443;
Calculated MW	36kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:2,000-1:5,000IHC: 1:200

Background

Cyclins function as regulators of CDKs (Cyclin-dependent kinase). Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. This cyclin forms a complex with and functions as a regulatory subunit of CDK4 or CDK6, whose activity is required for cell cycle G1/S transition. Cyclin D1 has been shown to interact with tumor suppressor protein Rb and the expression of this gene is regulated positively by Rb. Mutations, amplification and overexpression of this gene, which alters cell cycle progression, are observed frequently in a variety of tumors and may contribute to tumorigenesis. Immunohistochemical staining of cyclin D1 antibodies is used to diagnose mantle cell lymphoma. Cyclin D1 has been found to be overexpressed in breast carcinoma. Its potential use as a biomarker was suggested.

References

Note: This product is for in vitro research use only