

Cyclin D1 Rabbit mAb

Catalog No: #48619

Package Size: #48619-1 50ul #48619-2 100ul

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

Description

Product Name	Cyclin D1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	SA38-08
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC, IP
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
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#:P24385
Uniprot	P24385
GeneID	595;
Calculated MW	34 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

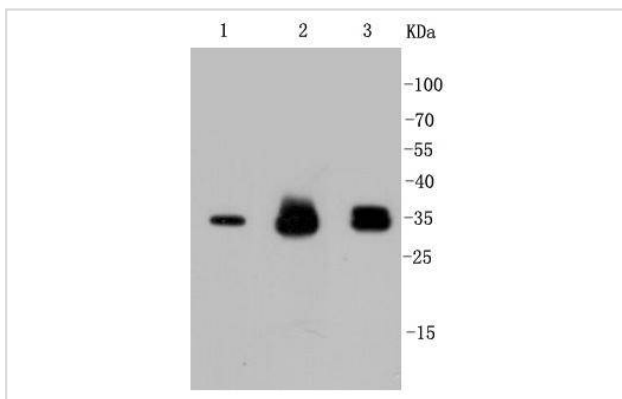
Application Details

WB: 1:1,000-5,000

IHC: 1:50-1:200

ICC: 1:50-1:200

Images

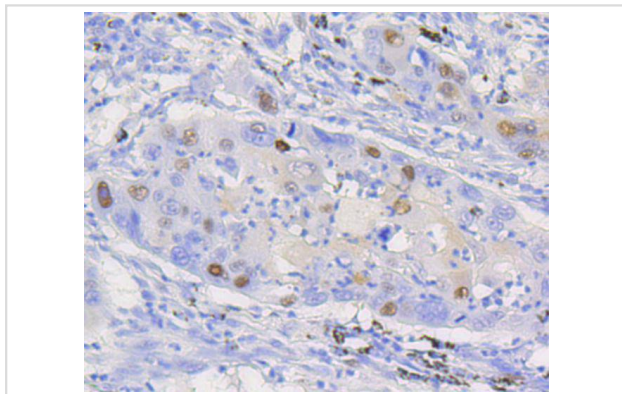


Western blot analysis of Cyclin D1 on different lysates using anti-Cyclin D1 antibody at 1/1,000 dilution. Positive control:

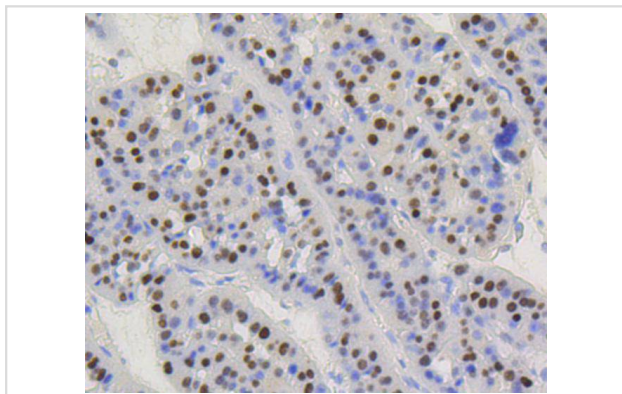
Lane 1: HeLa

Lane 2: PC-12

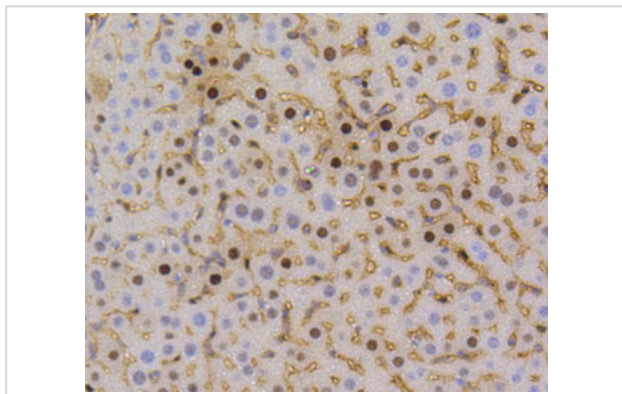
Lane 3: SH-SY-5Y



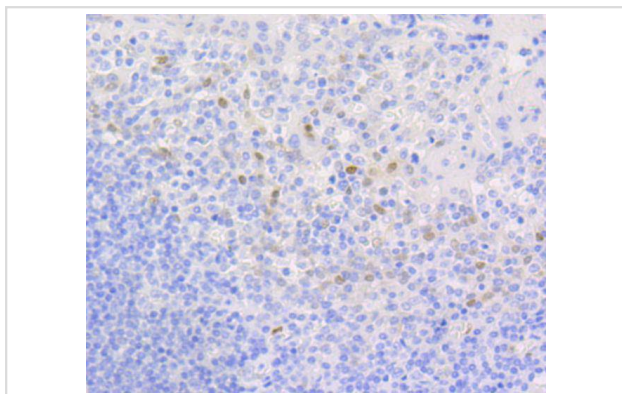
Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using anti-Cyclin D1 antibody. Counter stained with hematoxylin.



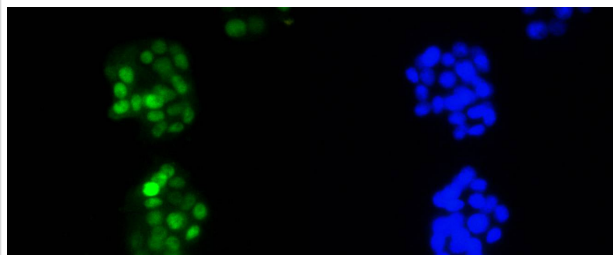
Immunohistochemical analysis of paraffin-embedded human liver carcinoma tissue using anti-Cyclin D1 antibody. Counter stained with hematoxylin.



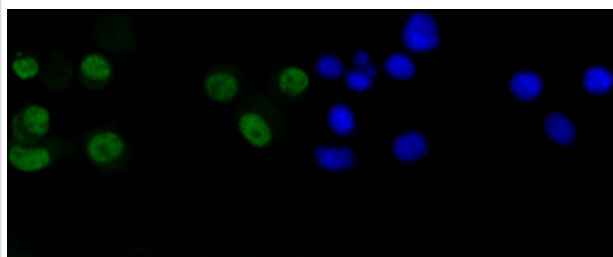
Immunohistochemical analysis of paraffin-embedded mouse liver tissue using anti-Cyclin D1 antibody. Counter stained with hematoxylin.



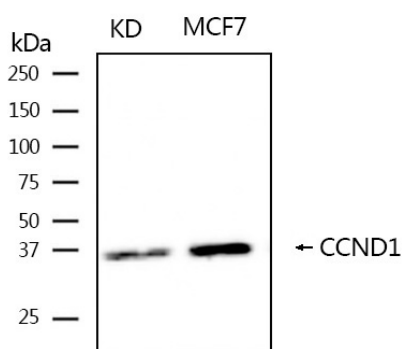
Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-Cyclin D1 antibody. Counter stained with hematoxylin.



ICC staining Cyclin D1 in PC-12 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining Cyclin D1 in N2A cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Western blotting analysis using Cyclin D1 Antibody #48619.

Background

The proliferation of eukaryotic cells is controlled at specific points in the cell cycle, particularly at the G1 to S and the G2 to M transitions. It is well established that the Cdc2 p34-cyclin B protein kinase plays a critical role in the G2 to M transition while cyclin A associates with Cdk2 p33 and functions in S phase. Considerable effort directed towards the identification of G1 cyclins has led to the isolation of cyclin D, cyclin C and cyclin E. Of these, cyclin D corresponds to a putative human oncogene, designated PRAD1, which maps at the site of the Bcl1 rearrangement in certain lymphomas and leukemias. Two additional human type D cyclins, as well as their mouse homologs, have been identified. Evidence has established that members of the cyclin D family function to regulate phosphorylation of the retinoblastoma gene product, thereby activating E2F transcription factors.

Note: This product is for in vitro research use only