

Cyclin D1 Rabbit mAb

Catalog No: #58777

Package Size: #58777-1 50ul #58777-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

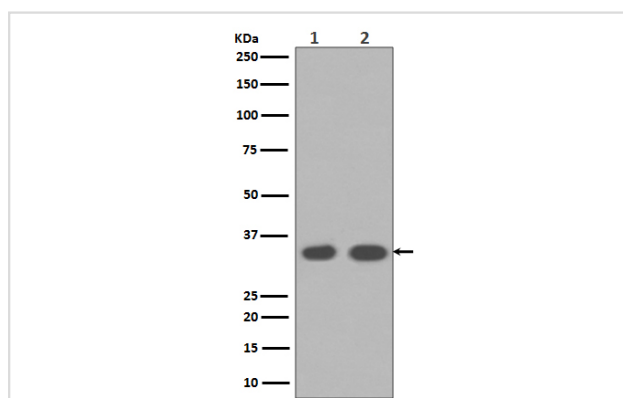
Description

Product Name	Cyclin D1 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF IP
Species Reactivity	Human Mouse Rat
Specificity	Cyclin D1 Antibody detects endogenous levels of total Cyclin D1
Immunogen Description	A synthesized peptide derived from human Cyclin D1
Other Names	CCND1;BCL1; D11S287E; PRAD1; U21B31; Cyclin D1;
Accession No.	Uniprot:P24385
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Calculated MW	34kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

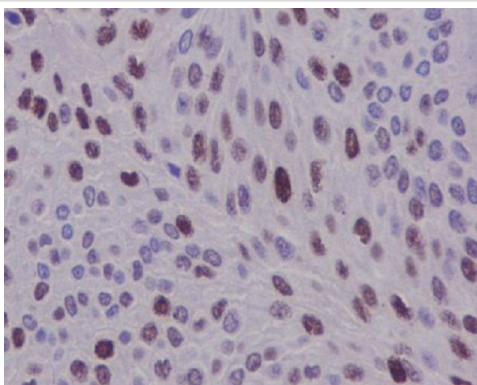
Application Details

WB 1:1000~1:5000 IHC 1:50~1:200 ICC/IF 1:50~1:100 IP 1:50

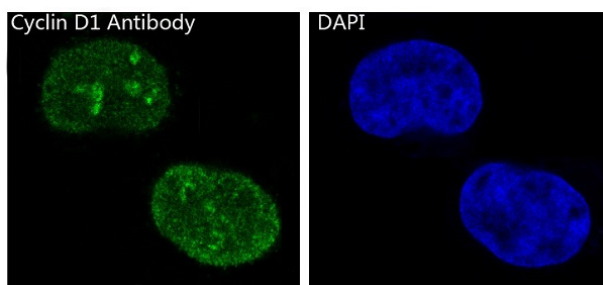
Images



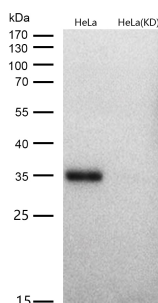
Western blot analysis of Cyclin D1 expression in (1)MCF-7 cell lysates;(2) LnCaP cell lysates.



Immunohistochemical analysis of paraffin-embedded human bladder, using Cyclin D1 Antibody.



Immunofluorescent analysis of MCF-7 cells, using Cyclin D1 Antibody .



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.

Product Description

Phosphorylation of RB1 allows dissociation of the transcription factor E2F from the RB/E2F complex and the subsequent transcription of E2F target genes which are responsible for the progression through the G1 phase. Hypophosphorylates RB1 in early G1 phase. Cyclin D-CDK4 complexes are major integrators of various mitogenic and antimitogenic signals.

Background

Phosphorylation of RB1 allows dissociation of the transcription factor E2F from the RB/E2F complex and the subsequent transcription of E2F target genes which are responsible for the progression through the G1 phase. Hypophosphorylates RB1 in early G1 phase. Cyclin D-CDK4 complexes are major integrators of various mitogenic and antimitogenic signals.

Note: This product is for in vitro research use only