

Cyclin D1 Recombinant Rabbit Monoclonal Antibody (PD01-64)

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Expression system	HEK293 cells
Class	Recombinant Monoclonal
Type	Antibody
Clone	PD01-64
Conjugate	Unconjugated
Immunogen	Recombinant protein within Human Cyclin D1 aa 200-295/295 (C terminal).
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4, with 0.1% BSA, 40% glycerol
Contains	0.05% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

Applications	Tested Dilution	Publications
Western Blot (WB)	1:5,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:200	-
Immunocytochemistry (ICC/IF)	1:2,000	-
Flow Cytometry (Flow)	1:5,000	-

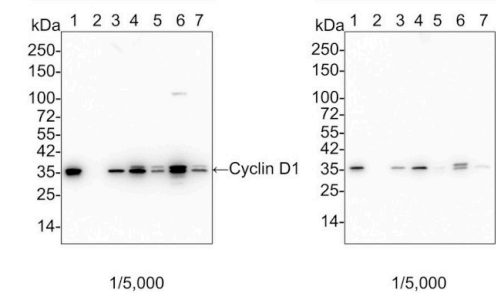
Product Specific Information

Positive control: MCF7 cell lysate, K-562 cell lysate, A431 cell lysate, Neuro-2a cell lysate, NIH/3T3 cell lysate, C6 cell lysate, SH-SY5Y cell lysate, Neuro-2a, MCF7, human colon carcinoma tissue, human testis tissue, NIH/3T3.

Predicted band size: 34 kDa

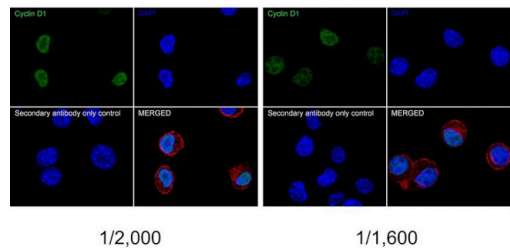
Subcellular Location: Cytoplasm, Nucleus, Membrane, Mitochondrion.

Product Images For Cyclin D1 Recombinant Rabbit Monoclonal Antibody (PD01-64)



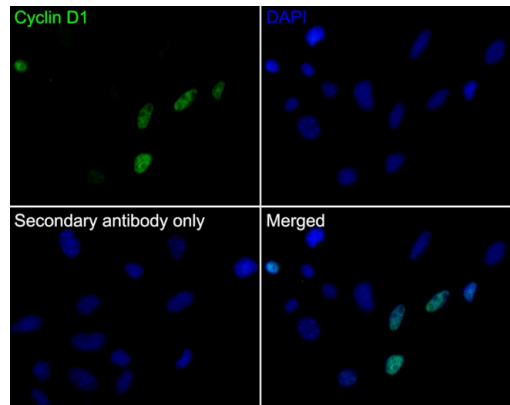
Cyclin D1 Antibody (MA5-50812) in WB

Western blot analysis of Cyclin D1 in different various lysates. Lane 1: MCF7 cell lysate; Lane 2: K-562 cell lysate (negative); Lane 3: A431 cell lysate; Lane 4: Neuro-2a cell lysate; Lane 5: NIH/3T3 cell lysate; Lane 6: C6 cell lysate; Lane 7: SH-SY5Y cell lysate. Lysates/proteins at 20 µg/Lane. Predicted band size: 34 kDa. Observed band size: 35 kDa. Exposure time: 20 seconds; 4-20% SDS-PAGE gel. Primary antibody Cyclin D1 recombinant monoclonal antibody (Product # MA5-50812) (left) with a dilution of 1:5,000 and competitors antibody at a dilution of 1:5,000 (right) were used in 5% NFDM/TBST at 4 overnight. Goat Anti-Rabbit IgG-HRP Secondary Antibody with a dilution of 1:50,000 was used for 1 hour at room temperature. Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature.



Cyclin D1 Antibody (MA5-50812) in ICC/IF

Immunocytochemistry analysis of Cyclin D1 in Neuro-2a cells. Cells were fixed in 4% paraformaldehyde for 20 minutes at room temperature, permeabilized with 0.1% Triton X-100 in PBS for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were incubated with Cyclin D1 recombinant monoclonal antibody (Product # MA5-50812) with a dilution of 1:2,000 and competitors antibody at a dilution of 1:1,600 in 1% BSA in PBST overnight at 4 . Followed by secondary antibody Goat Anti-Rabbit IgG H&L (iFluor™ 488) at a dilution of 1:1,000. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI. Beta tubulin (red) was stained at a dilution of 1:100 overnight at 4. Goat Anti-Mouse IgG H&L (iFluor™ 594) was used as the secondary antibody at a dilution of 1:1,000.



Cyclin D1 Antibody (MA5-50812) in ICC/IF

Immunocytochemistry analysis of Cyclin D1 in NIH/3T3 cells. Cells were fixed in 4% paraformaldehyde for 10 minutes at 37 , permeabilized with 0.05% Triton X-100 in PBS for 20 minutes, and then blocked with 2% negative goat serum for 30 minutes at room temperature. Cells were incubated with Cyclin D1 recombinant monoclonal antibody (Product # MA5-50812) with a dilution of 1:50 in 2% negative goat serum overnight at 4 . Followed by secondary antibody Goat Anti-Rabbit IgG H&L (iFluor™ 488) at a dilution of 1:1,000. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.

View more figures on thermofisher.cn

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON-INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.