

Rabbit anti-Human, Mouse Cyclin D3 Monoclonal Antibody | anti-CCND3 antibody

Cyclin D3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312331	Rabbit	Human, Mouse	Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Cyclin D3; Monoclonal Antibody; Cyclin D3 Antibody; CCND 3 antibody; Ccnd3 antibody; CCND3_HUMAN antibody; CyclinD3 antibody; D3 type cyclin antibody; G1 S specific cyclin D3 antibody; G1/S specific cyclin D3 antibody; G1/S-specific cyclin-D3 antibody; anti-CCND3 antibody

PRODUCT SPECIFICATIONS

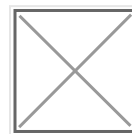
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	SD20-43
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-CCND3 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



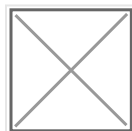
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of HeLa cells with Cyclin D3 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



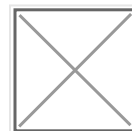
ICC (Immunocytochemistry)

ICC staining Cyclin D3 in PANC-1 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining Cyclin D3 in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining Cyclin D3 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



WB (Western Blot)

Western blot analysis of Cyclin D3 on different lysates using anti-Cyclin D3 antibody at 1/1, 000 dilution. Positive control: Lane 1: Jurkat Lane 2: Hela

ADDITIONAL INFORMATION

Related Product Information for anti-CCND3 antibody	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. Of these, cyclin D corresponds to a putative human oncogene, designated PRAD1, which maps at the site of the Bcl-1 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.
Product Categories/Family for anti-CCND3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	209862835
NCBI GeneID	896
NCBI Accession #	NP_001129489.1
NCBI GenBank Nucleotide #	NM_001136017.2
UniProt Accession #	P30281; Q5T8J0; Q6FG62; Q96F49; B2RD63; B3KQ22; E9PAS4; E9PB36
Molecular Weight	32,520 Da
NCBI Official Full Name	G1/S-specific cyclin-D3 isoform 1
NCBI Official Synonym Full Names	cyclin D3
NCBI Official Symbol	CCND3
NCBI Protein Information	G1/S-specific cyclin-D3; D3-type cyclin; G1/S-specific cyclin D3
UniProt Protein Name	G1/S-specific cyclin-D3
UniProt Gene Name	CCND3
UniProt Entry Name	CCND3_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cyclin-d3-antibody-clone-sd20-43-flow-cytometry-immunofluorescence-immunocytochemistry-western-blot-elisa/312331>