

Datasheet for ABIN1709952

anti-Cyclin D3 antibody (pThr283) (FITC)



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Overview

Quantity:	100 µL
Target:	Cyclin D3 (CCND3)
Binding Specificity:	pThr283
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cyclin D3 antibody is conjugated to FITC
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human Cyclin D3 around the phosphorylation site of Thr283
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	Cyclin D3 (CCND3)
Alternative Name:	Cyclin D3 (CCND3 Products)

Target Details

Background:	Synonyms: Cyclin D3 phospho T283, Cyclin D3 phospho Thr283, p-Cyclin D3 T283, p-Cyclin D3 Thr283, p-Cyclin D3 phospho T283, CCND 3, Ccnd3, CCND3_HUMAN, CyclinD3, D3 type cyclin, G1 S specic cyclin D3, G1/S specic cyclin D3, G1/S-specific cyclin-D3. Background: The protein encoded by this gene belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases. 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 activtiy is required for cell cycle G1/S transition. This protein has been shown to interact with and be involved in the phosphorylation of tumor suppressor protein Rb. The CDK4 activity associated with this cyclin was reported to be necessary for cell cycle progression through G2 phase into mitosis after UV radiation. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2008].
Gene ID:	896
Pathways:	Cell Division Cycle , Mitotic G1-G1/S Phases , Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date: 12 months