
Cyclin D3 Recombinant Rabbit mAb

Catalog Number: bsm-52047R

Target Protein: Cyclin D3

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Recombinant

Clone No.: 4A8

Isotype: IgG

Applications: WB (1:500-2000), ICC/IF (1:50-200)

Reactivity: Human

Predicted MW: 32 kDa

Entrez Gene: 896

Swiss Prot: P30281

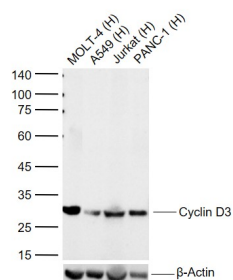
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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 activity 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].

VALIDATION IMAGES



Sample: Lane 1: Human MOLT-4 cell lysates Lane 2: Human A549 cell lysates Lane 3: Human Jurkat cell lysates Lane 4: Human Panc-1 cell lysates Primary: Anti- Cyclin D3 (bsm-52047R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 32 kDa Observed band size: 30 kDa