

Product Datasheet

Cyclin D2 Mouse mAb

Catalog No: AB3171

Reactivity: Human

Isotype: Mouse IgG2b

Applications: WB



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Information

UniProt ID: P30279

All Names: CCND 2; CCND2; CyclinD2; G1/S specific cyclin D2; G1/S-specific cyclin-D2;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

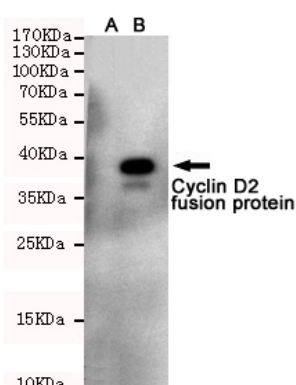
Molecular Wt.: 38KDa

Application

WB 1:1000

Background

Regulatory component of the cyclin D2-CDK4 (DC) complex that phosphorylates and inhibits members of the retinoblastoma (RB) protein family including RB1 and regulates the cell-cycle during G1/S transition. 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.



Western blot detection of Cyclin D2 in CHO-K1 cell lysate (A) and CHO-K1 transfected by Cyclin D2-fragment EGFP fusion protein (B) cell lysate using Cyclin D2 mouse mAb (1:1000 diluted). Predicted band size: 38KDa. Observed band size: 38KDa.

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