

## Affinity Biosciences website:www.affbiotech.com order:order@affbiotech.com

## CCND1 Ab

References(1) Images(2)

Cat.#: BF0127 Concn.: ~1mg/ml Mol.Wt.: 33.7kDa Size: Source: Mouse Clonality: Monoclonal

Application: ELISA 1:10000, WB 1:500-1:2000, IF/ICC 1:100-1:500

\*The optimal dilutions should be determined by the end user.

Reactivity: Human

Storage: Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH

7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C.

Stable for 12 months from date of receipt.

Purification: Affinity-chromatography.

Immunogen: Purified recombinant fragment of human CCND1 expressed in E. Coli.

Uniprot: P24385

Description: The protein encoded by this gene belongs to the highly conserved cyclin

family, whose members are characterized by a dramatic periodicity in protein abundance throughout 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 tumor suppressor protein Rb and the expression of this gene is regulated positively

by Rb.

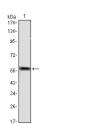


Figure 1: Western blot analysis using CCND1 mAb against CCND1(AA:

1-295)-hIgGFc transfected HEK293 cell lysate.

<code>IMPORTANT:</code> For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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