



CDKN1B Mouse Monoclonal Antibody

E10-30044

Background: p27 KIP 1 is a cell cycle regulatory mitotic inhibitor of cdk activity. p27 KIP 1 is a candidate tumor suppressor gene, and has been proposed to function as a possible mediator of TGF beta induced G1 arrest. p27 KIP 1 is up regulated in response to antimitogenic stimuli. The increased protein expression of p27 results in cellular arrest by binding to cyclin/Cdk complexes such as cyclin D1/Cdk4. Decreased levels of p27Kip1, mainly due to proteosomal degradation, are found in various epithelial tumors originating from lung, breast, colon, ovary, esophagus, thyroid and prostate. Tissue specificity: Expressed in all tissues tested. Highest levels in skeletal muscle, lowest in liver and kidney.

Catalog Number: E10-30044

Amount: 100µg/100µl

Clone Number: 3D8

Species: Mouse IgG1

MW 22kDa

Aliases: KIP1; MEN4; CDKN4; MEN1B; P27KIP1; CDKN1B

Entrez Gene: 1027

Immunogen: Purified recombinant fragment of human CDKN1B expressed in E. Coli.

Storage: Store at 4°C, for long term storage, store at -20°C.

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human

Tested Applications: WB, ELISA. Not yet tested in other applications.

Application notes: WB: 1/500 - 1/2000, ELISA: Propose dilution 1/10000.

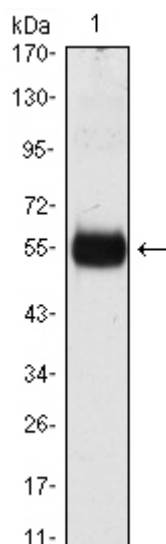


Figure 1: Western blot analysis using CDKN1B mAb against CDKN1B-hlgGfc transfected HEK293 cell lysate.

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