



Category: Monoclonal Antibodies
Product Name: Mouse Monoclonal Antibody to CDKN1B

Catalog Number: MAB-606030044

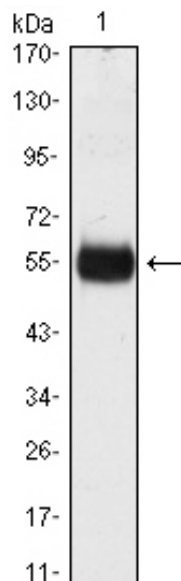


Figure 1: Western blot analysis using CDKN1B mAb against CDKN1B-hIgGfc transfected HEK293 cell lysate.

Lot#:
Clone#: 3D8
Host and isotype: Mouse IgG1
Size: 0.1ml
MW: 22kDa
Aliases: KIP1; MEN4; CDKN4;
MEN1B; P27KIP1; CDKN1B
Entrez Gene: 1027
Species reactivity: Human

Description 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 antimetogenic 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.

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

Application Western Blotting: 1/500 - 1/2000.
ELISA: Propose dilution 1/10000.
Not yet tested in other applications.
Determining optimal working dilutions by titration test.

Formulation Ascitic fluid containing 0.03% sodium azide.

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

Related product

References 1. Exp Mol Med. 2009 Nov 30;41(11):765-71.
2. Int J Gynecol Pathol. 2010 Jan;29(1):8-18.

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