

CDKN1B Antibody

Purified Mouse Monoclonal Antibody
Catalog # AO1397a

Product Information

Application	WB, E
Primary Accession	P46527
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	3D8
Isotype	IgG1
Calculated MW	22073 Da
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.
Formulation	Ascitic fluid containing 0.03% sodium azide.

Additional Information

Other Names	Cyclin-dependent kinase inhibitor 1B, Cyclin-dependent kinase inhibitor p27, p27Kip1, CDKN1B, KIP1
Dilution	WB~~1/500 - 1/2000 E~~N/A
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CDKN1B Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

References

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

Images

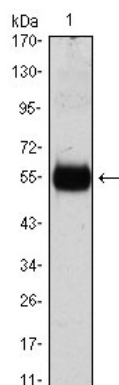


Figure 1: Western blot analysis using CDKN1B mAb against CDKN1B(AA: 1-198)-hIgGfc transfected HEK293 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.