

Mouse Monoclonal Antibody to CDKN1B

Catalogue Number	sAP-0397
Target Molecule	<p>Name: CDKN1B</p> <p>Aliases: KIP1; MEN4; CDKN4; MEN1B; P27KIP1; CDKN1B</p> <p>MW: 22kDa</p> <p>Entrez Gene ID: 1027</p>
Description	<p>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.</p>
Immunogen	Purified recombinant fragment of human CDKN1B expressed in E. Coli.
Reactive Species	Human
Clone	MM3D8;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Exp Mol Med. 2009 Nov 30;41(11):765-71. ; 2. Int J Gynecol Pathol. 2010 Jan;29(1):8-18. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**