

## CDKN2A Ab

Cat.#: BF0011  
Size: 50ul,100ul,200ul

Concn.: 1mg/ml  
Source: Mouse

Mol.Wt.: 16.5kDa  
Clonality: Monoclonal

Application:	ELISA 1/10000, WB 1/500 - 1/2000, IHC 1/200 - 1/1000, FCM 1/200 - 1/400
Reactivity:	Human
Purification:	Affinity-chromatography.
Specificity:	CDKN2A Ab detects endogenous levels of total CDKN2A.
Immunogen:	Purified recombinant fragment of human CDKN2A expressed in E. Coli.
Uniprot:	P42771
Description:	This gene generates several transcript variants which differ in their first exons. At least three alternatively spliced variants encoding distinct proteins have been reported, two of which encode structurally related isoforms known to function as inhibitors of CDK4 kinase. The remaining transcript includes an alternate first exon located 20 Kb upstream of the remainder of the gene; this transcript contains an alternate open reading frame (ARF) that specifies a protein which is structurally unrelated to the products of the other variants.
Subcellular Location:	Cytoplasmic and Nuclear
Tissue Specificity:	Widely expressed but not detected in brain or skeletal muscle. Isoform 3 is pancreas-specific.
Similarity:	Belongs to the CDKN2 cyclin-dependent kinase inhibitor family.
Storage Condition and Buffer:	Mouse IgG1 in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.

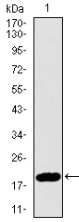


Figure 1: Western blot analysis using CDKN2A mAb against human CDKN2A recombinant protein. (Expected MW is 19 kDa)

**IMPORTANT:** 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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