

小鼠抗 CDKN2A 单克隆抗体

中文名称： 小鼠抗 CDKN2A 单克隆抗体

英文名称： Anti-CDKN2A mouse monoclonal antibody

别名： cyclin dependent kinase inhibitor 2A; ARF; MLM; P14; P16; P19; CMM2; INK4; MTS1; TP16; CDK4I; CDKN2; INK4A; MTS-1; P14ARF; P19ARF; P

相关类别： 一抗

储存： 冷冻 (-20℃)

宿主： Mouse

抗原： CDKN2A

反应种属： Human

标记物： Unconjugate

克隆类型： mouse monoclonal

技术规格

Background:

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. This ARF product functions as a stabilizer of the tumor suppressor protein p53 as it can interact with, and sequester, the E3 ubiquitin-protein ligase MDM2, a protein responsible for the degradation of p53. In spite of the structural and functional differences, t

	<p>he CDK inhibitor isoforms and the ARF product encoded by this gene, through the regulatory roles of CDK4 and p53 in cell cycle G1 progression, share a common functionality in cell cycle G1 control. This gene is frequently mutated or deleted in a wide variety of tumors, and is known to be an important tumor suppressor gene.</p>
Applications:	WB, IHC, FC
Name of antibody:	CDKN2A
Immunogen:	Fusion protein of human CDKN2A
Full name:	cyclin dependent kinase inhibitor 2A
Synonyms:	ARF; MLM; P14; P16; P19; CMM2; INK4; MTS1; TP16; CDK4I; CDKN2; INK4A; MTS-1; P14ARF; P19ARF; P16INK4; P16INK4A; P16-INK4A
SwissProt:	P42771
IHC positive control:	Human lung cancer and Human ovarian cancer
IHC Recommend dilution:	200-500
WB Predicted band size:	17 KD
WB Positive control:	293T and Hela cell lysates
WB Recommended dilution:	500-2000
FC Recommend dilution:	50-100