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CDKN2A/p14ARF (YD14390) Rabbit mAb

货号: AYD15315

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB ICC/IF FC IP
推荐浓度	
理论分子量	14kDa
实测分子量	
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	293T,HeLa
细胞定位	Nucleus, nucleolus, nucleoplasm, Mitochondrion
纯化	亲和纯化

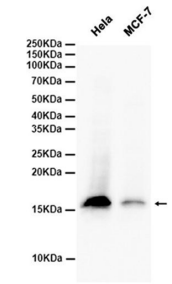
抗原信息

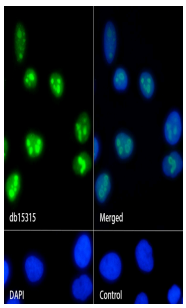
抗原信息	

靶点信息

研究背景	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, the 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.
基因ID	1029
基因名	CDKN2A
Swiss	Q8N726 (https://www.uniprot.org/uniprotkb/Q8N726/entry)
别名	CDKN2A/p14ARF (YD14390),CDKN2A/p14ARF (YD14390) Rabbit mAb,CDKN2A,Alternative reading frame,Cyclin-dependent kinase inhibitor 2A,p14ARF,CDKN2,MLM

产品验证





实验步骤

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