

产品说明书

p16INK4a Rabbit mAb

货号: HL23746

产品名称	p16INK4a Rabbit mAb
来源宿主	Rabbit
反应种属	Mouse
克隆类型	Rabbit monoclonal
克隆号	H1540
同种型	IgG
标记	unconjugated
纯化方式	Protein A affinity purified.
形式	Liquid
存储溶液	PBS (pH7.4), 0.05% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
存储方式	Store at +4°C after thawing. Aliquot store at -20°C. Avoid repeated freeze / thaw cycles. Stable for 12 months.
应用	WB, IHC-P, mlHC
使用方法	WB 1:1000; IHC-P 1:100; mlHC 1:100
有效期	one year
别名	Cyclin-dependent kinase inhibitor 2A, isoforms 1/2/3; Cyclin-dependent kinase 4 inhibitor A; CDK4I; Multiple tumor suppressor 1; MTS-1; p16-INK4a; p16-INK4; p16INK4A; p16
SwissProt	P51480
细胞定位	Cytoplasm, Nucleus.
产品介绍	<p>p16 (also known as p16INK4a, cyclin-dependent kinase inhibitor 2A, CDKN2A, multiple tumor suppressor 1 and numerous other synonyms), is a protein that slows cell division by slowing the progression of the cell cycle from the G1 phase to the S phase, thereby acting as a tumor suppressor. It is encoded by the CDKN2A gene. A deletion (the omission of a part of the DNA sequence during replication) in this gene can result in insufficient or non-functional p16, accelerating the cell cycle and resulting in many types of cancer. p16 can be used as a biomarker to improve the histological diagnostic accuracy of grade 3 cervical intraepithelial neoplasia (CIN). p16 is also implicated in the prevention of melanoma, oropharyngeal squamous cell carcinoma, cervical cancer, vulvar cancer and esophageal cancer. p16 was discovered in 1993. It is a protein with 148 amino acids and a molecular weight of 16 kDa that comprises four ankyrin repeats. The name of p16 is derived from its molecular weight, and the alternative name p16INK4a refers to its role in inhibiting cyclin-dependent kinase CDK4.</p>

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