

p21 (2G15) Rabbit Monoclonal Antibody

Catalog# UZ-MA05096

Product information

产品货号	UZ-MA05096
别名	P21; CDKI; CIP1; SDI1; Waf1; mda6; CAP20; Cdkn1; p21WAF; p21Cip1
产品名称	p21 (2G15) Rabbit Monoclonal Antibody
类别	抗体产品
推荐应用	WB,IHC-P,IF-ICC,FCM,IP,IF-P
反应种属	Mouse
存储缓冲液	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
免疫原	Recombinant protein of mouse p21
稀释度	WB 1:1000, IHC-P/IF-P 1:200-1:1000, IF-ICC 1:200-1:500, FCM 1:20-1:50, IP 1:20-1:50
参考分子量	18kDa
预测分子量	18kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	IgG
背景介绍	This gene encodes a potent cyclin-dependent kinase inhibitor. The encoded protein binds to and inhibits the activity of cyclin-cyclin-dependent kinase2 or cyclin-dependent kinase4 complexes, and thus functions as a regulator of cell cycle progression at the G1 phase. The expression of this gene is tightly controlled by the tumor suppressor protein p53, through which this protein mediates the p53-dependent cell cycle G1 phase arrest in response to a variety of stress stimuli. This protein can interact with proliferating cell nuclear antigen, a DNA polymerase accessory factor, and plays a regulatory role in S phase DNA replication and DNA damage repair. This protein was reported to be specifically cleaved by CASP3-like caspases, which thus leads to a dramatic activation of cyclin-dependent kinase2, and may be instrumental in the execution of apoptosis following caspase activation. Mice that lack this gene have the ability to regenerate damaged or missing tissue. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2015]
纯化	Affinity Purification
Uniprot ID	P39689
Clonality	Monoclonal