



## p21 (Acetyl Lys154) mouse mAb

<b>Catalog No</b>	BYmab-16540
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	CDKN1A CAP20 CDKN1 CIP1 MDA6 PIC1 SDI1 WAF1
<b>Protein Name</b>	p21 (Acetyl Lys154)
<b>Immunogen</b>	Synthesized peptide derived from human p21 (Acetyl Lys154)
<b>Specificity</b>	This antibody detects endogenous levels of Human,Mouse,Rat p21 (Acetyl Lys154)
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	Cyclin-dependent kinase inhibitor 1 (CDK-interacting protein 1;Melanoma differentiation-associated protein 6;MDA-6;p21)
<b>Observed Band</b>	21kD
<b>Cell Pathway</b>	Cytoplasm . Nucleus .
<b>Tissue Specificity</b>	Expressed in all adult tissues, with 5-fold lower levels observed in the brain.
<b>Function</b>	regulation of cyclin-dependent protein kinase activity, G1/S transition of mitotic cell cycle, G2/M transition of mitotic cell cycle, mitotic cell cycle, regulation of cell growth, positive regulation of immune system process, regulation of leukocyte activation, positive regulation of leukocyte activation, negative regulation of protein kinase activity, induction of apoptosis, response to DNA damage stimulus, cell cycle, cell cycle arrest, positive regulation of cell proliferation,negative regulation of cell proliferation, regulation of cell size, induction of apoptosis by intracellular signals, response to radiation, response to UV, response to light stimulus, response to abiotic stimulus, response to toxin, response to endogenous stimulus, response to hormone stimulus, response to extracellular stimulus, response to organic

**Nanjing BYabscience technology Co.,Ltd**



substance, response to inorganic substance, response to organi

**Background**

function:May be the important intermediate by which p53 mediates its role as an inhibitor of cellular proliferation in response to DNA damage. Binds to and inhibits cyclin-dependent kinase activity, preventing phosphorylation of critical cyclin-dependent kinase substrates and blocking cell cycle progression.,induction:By p53, mezerein (antileukemic compound) and interferon beta.,PTM:Phosphorylation of Thr-145 by Akt or of Ser-146 by PKC impairs binding to PCNA.,similarity:Belongs to the CDI family.,tissue specificity:Expressed in all adult human tissues, with 5-fold lower levels observed in the brain.,

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images

Nanjing BYabscience technology Co.,Ltd

网址: [www.njbybio.com](http://www.njbybio.com)

官方热线: 025-5229-8998

监督电话: 15950492658