



# p19 Monoclonal Antibody

<b>Catalog No</b>	BYmab-16761
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB
<b>Gene Name</b>	CDKN2D
<b>Protein Name</b>	Cyclin-dependent kinase 4 inhibitor D
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human CDKN2D. AA range:96-145
<b>Specificity</b>	p19 Monoclonal Antibody detects endogenous levels of p19 protein.
<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>	CDKN2D; Cyclin-dependent kinase 4 inhibitor D; p19-INK4d
<b>Observed Band</b>	
<b>Cell Pathway</b>	Nucleus . Cytoplasm .
<b>Tissue Specificity</b>	Bone marrow,Muscle,Platelet,Thymus,
<b>Function</b>	function:Interacts strongly with CDK4 and CDK6 and inhibits them.,similarity:Belongs to the CDKN2 cyclin-dependent kinase inhibitor family.,similarity:Contains 4 ANK repeats.,
<b>Background</b>	The protein encoded by this gene is a member of the INK4 family of cyclin-dependent kinase inhibitors. This protein has been shown to form a stable complex with CDK4 or CDK6, and prevent the activation of the CDK kinases, thus function as a cell growth regulator that controls cell cycle G1 progression. The abundance of the transcript of this gene was found to oscillate in a cell-cycle dependent manner with the lowest expression at mid G1 and a maximal expression during S phase. The negative regulation of the cell cycle involved in

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this protein was shown to participate in repressing neuronal proliferation, as well as spermatogenesis. Two alternatively spliced variants of this gene, which encode an identical protein, have been reported. [provided by RefSeq, Jul 2008],

**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