



p19 Monoclonal Antibody

Catalog No	YP-mAb-16761
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	CDKN2D
Protein Name	Cyclin-dependent kinase 4 inhibitor D
Immunogen	The antiserum was produced against synthesized peptide derived from human CDKN2D. AA range:96-145
Specificity	p19 Monoclonal Antibody detects endogenous levels of p19 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CDKN2D; Cyclin-dependent kinase 4 inhibitor D; p19-INK4d
Observed Band	
Cell Pathway	Nucleus . Cytoplasm .
Tissue Specificity	Bone marrow,Muscle,Platelet,Thymus,
Function	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.,
Background	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 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