



p16 INK4A Mouse mAb

Catalog No	YP-mAb-19073
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	
Immunogen	Recombinant protein (or fragment).This information is considered to be commercially sensitive.
Specificity	
Formulation	
Source	Monoclonal,Mouse,IgG
Purification	Affinity purification
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CDKN2A CDKN2 MTS1;Cyclin-dependent kinase inhibitor 2A isoforms 1/2/3; CDKN2A;CDKN2;MTS1;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;Arf;Pctr1;p19ARF;p19;ARF-INK4a;INK4a-ARF;lnk4a/Arf;p16(INK4a);p16 INK4A
Observed Band	16kD
Calculated Molecular Weight	16kD
Cell Pathway	
Tissue Specificity	
Function	
Background	Enables MDM2/MDM4 family protein binding activity; enzyme inhibitor activity; and protein N-terminus binding activity. Involved in several processes, including negative regulation of lymphocyte proliferation; positive regulation of apoptotic process; and regulation of transcription, DNA-templated. Acts upstream of or within several processes, including negative regulation of cellular protein metabolic process; negative regulation of mammary gland epithelial cell



proliferation; and positive regulation of apoptotic process involved in mammary gland involution. Located in cytoplasm and granular component. Part of protein containing complex. Is expressed in several structures, including bone marrow; central nervous system; dorsal root ganglion; eye; and testis. Human ortholog(s) of this gene implicated in several diseases, including breast cancer (multiple); carcinoma (multiple); hematologic cancer (multiple); melanoma (multiple); and nervous system cancer (multiple). Orthologous to human CDKN2A (cyclin dependent kinase inhibitor 2A).

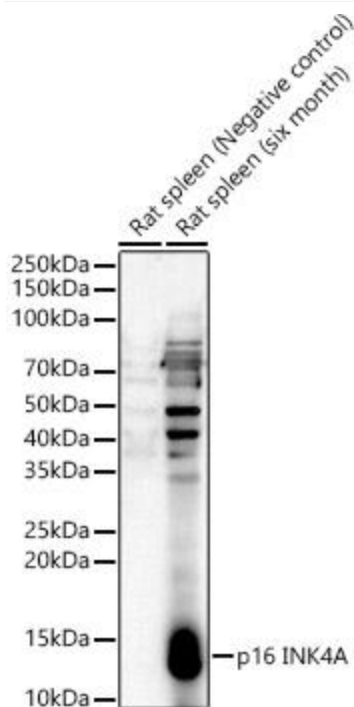
matters needing attention

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



Western blot analysis of various lysates, using p16 INK4A Mouse pAb (A23882) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25μg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 45s.