

Mouse anti-Human P16 Monoclonal Antibody | anti-P16 antibody

Human P16 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322680	Mouse	Human	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

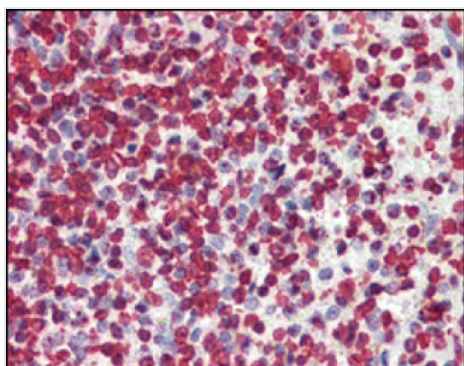
PRODUCT SYNONYMS

P16; Monoclonal Antibody; Human P16 Antibody; CCM2; CDK4 inhibitor p16 INK4; CDK4I; CDKN2; CDKN2A; Cell cycle negative regulator beta; CMM2; Cyclin dependent kinase 4 inhibitor A; Cyclin dependent kinase inhibitor 2A (melanoma p16 inhibits CDK4); Cyclin Dependent Kinase Inhibitor 2A; Cyclin dependent kinase inhibitor 2A isoform 4; Cyclin dependent kinase inhibitor 2A isoforms 1/2/3; Cyclin dependent kinase inhibitor p16; INK4; INK4A; MLM; MTS1; Multiple tumor suppressor 1; p14; p16; P16INK4; p16INK4a; p19; p19Arf; TP16; anti-P16 antibody

PRODUCT SPECIFICATIONS

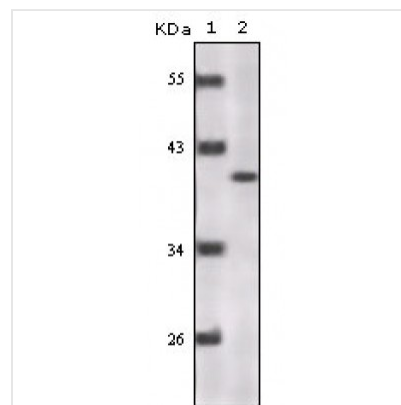
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Purity/Purification	Affinity-Chromatography
Form/Format	Phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	156
Applicable Applications for anti-P16 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human Human P16 expressed in E. Coli
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human spleen tissues using P16 mouse mAb.



WB (Western Blot)

Western blot analysis using P16 mouse mAb against truncated P16 recombinant protein.

ADDITIONAL INFORMATION

Related Product Information for anti-P16 antibody	Description: p16 (cyclin-dependent kinase inhibitor 2A, INK4a) is a tumor suppressor protein. It is a specific inhibitor of Cdk 4/Cdk 6, and a tumor suppressor involved in the pathogenesis of a variety of malignancies. Recent analyses of the p16 INK4a gene revealed homozygous deletions, nonsense, missense, or frameshift mutations in several human cancers. Although the frequency of p16 INK4a abnormalities is higher in tumor derived cell lines than in unselected primary tumors, significant subsets of clinical cases with aberrant p16 INK4a gene have been reported among melanomas, gliomas, esophageal, pancreatic, lung, and urinary bladder carcinomas, and some types of leukemia.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502749
NCBI GeneID	1029
NCBI Accession #	NP_000068.1
NCBI GenBank Nucleotide #	NM_000077.4
UniProt Accession #	P42771; O95440; Q15191; Q5VVJ5; Q96B52; Q9NP05; A5X2G7; D3DRK1; G3XAG3; Q8N726
Molecular Weight	40 kDa
NCBI Official Full Name	cyclin-dependent kinase inhibitor 2A isoform p16INK4a
NCBI Official Synonym Full Names	cyclin dependent kinase inhibitor 2A
NCBI Official Symbol	CDKN2A
NCBI Official Synonym Symbols	ARF; MLM; P14; P16; P19; CMM2; INK4; MTS1; TP16; CDK4I; CDKN2; INK4A; MTS-1; P14ARF; P19ARF; P16INK4; P16INK4A; P16-INK4A
NCBI Protein Information	cyclin-dependent kinase inhibitor 2A
UniProt Protein Name	Cyclin-dependent kinase inhibitor 2A
UniProt Gene Name	CDKN2A
UniProt Synonym Gene Names	CDKN2; MTS1; CDK4I; MTS-1; p16-INK4; p16INK4A

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.