

Mouse p16INK4a/CDKN2 Monoclonal Antibody | anti-CDKN2A antibody

Anti-p16INK4a/CDKN2 antibody (monoclonal)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA44897	Mouse	No cross reactivity with other proteins.	Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

p16INK4a/CDKN2; Monoclonal Antibody; Anti-p16INK4a/CDKN2 antibody (monoclonal); Cyclin-dependent kinase inhibitor 2A; isoforms 1/2/3; cyclin-dependent kinase inhibitor 2A; ARF; MLM; P14; P16; P19; CMM2; INK4; MTS1; TP16; CDK4I; CDKN2; INK4A; MTS-1; P14ARF; P19ARF; P16INK4; P16INK4A; P16-INK4A; CDK4 INHIBITOR; cyclin-dependent kinase inhibitor 2A(melanoma; p16; inhibits CDK4); Cyclin-dependent kinase 4 inhibitor A; Multiple tumor suppressor 1; Collaborator of ARF; anti-CDKN2A antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	No cross reactivity with other proteins.
Clonality	Monoclonal
Isotype	IgG1
Clone Number	IMD-16
Form/Format	Lyophilized Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative.
Sequence Length	156
Applicable Applications for anti-CDKN2A antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant human p16 protein.
Species	Human
Preparation and Storage	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

ADDITIONAL INFORMATION

Related Product Information for anti-CDKN2A antibody	<p>Description: Mouse IgG monoclonal antibody for p16INK4a/CDKN2, cyclin-dependent kinase inhibitor 2A (CDKN2A) detection. Tested with WB, IHC-F, ICC in Human. No cross reactivity with other proteins. Uniprot ID: P42771</p> <p>Background: p16(INK4A), also known as cyclin-dependent kinase inhibitor 2A(CDKN2A), or multiple tumor suppressor 1(MTS1). The p16 gene(CDKN2A) was mapped to 9p21. The p16 gene encodes a negative regulator of the cell cycle. CDKN2 plays an important role during tumorigenesis or tumor progression in a significant proportion of pancreatic adenocarcinomas. Germ-line mutations in the CDKN2A tumor-suppressor gene have been linked to the development of melanoma in some families with inherited melanoma.</p>
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NCBI AND UNIPROT INFORMATION

NCBI GI #	3041660
NCBI GeneID	1029

UniProt Accession #	P42771; O95440; Q15191; Q5VVJ5; Q96B52; Q9NP05; A5X2G7; D3DRK1; Q8N726
NCBI Official Full Name	Cyclin-dependent kinase inhibitor 2A, isoforms 1/2/3
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; CDK4 inhibitor p16-INK4; multiple tumor suppressor 1; cell cycle negative regulator beta; CDKN2A {ECO:0000312 EMBL:AAM77919.1}; cyclin-dependent kinase 4 inhibitor A; cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhibits CDK4)
UniProt Protein Name	Cyclin-dependent kinase inhibitor 2A, isoforms 1/2/3
UniProt Gene Name	CDKN2A
UniProt Synonym Gene Names	CDKN2; MTS1; CDK4I; MTS-1; p16-INK4; p16INK4A
UniProt Entry Name	CD2A1_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/p16ink4a-cdkn2-antibody-clone-imd-16-immunocytochemistry-immunohistochemistry-western-blot-elisa/44897>