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CDKN2A / p16INK4a Antibody (clone 1E12E10)

Mouse Monoclonal Antibody
Catalog # ALS13932

Specification

CDKN2A / p16INK4a Antibody (clone 1E12E10) - Product Information

Application	**IHC**
Primary Accession	P42771
Reactivity	**Human, Mouse, Rat**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 Monoclonal [1E12E10]**
Calculated MW	**17kDa KDa**

CDKN2A / p16INK4a Antibody (clone 1E12E10) - Additional Information

Gene ID 1029

Other Names
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, CDKN2A, CDKN2, MTS1

Target/Specificity
Targets P16. Shows reactivity with Human, Mouse, and Rat samples.

Format
PBS with 0.1% sodium azide and 1% BSA.

Reconstitution & Storage
Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions
CDKN2A / p16INK4a Antibody (clone 1E12E10) is for research use only and not for use in diagnostic or therapeutic procedures.

CDKN2A / p16INK4a Antibody (clone 1E12E10) - Protein Information

Name CDKN2A (HGNC:1787)

Synonyms CDKN2, MTS1

Function
Acts as a negative regulator of the proliferation of normal cells by interacting strongly with CDK4 and CDK6. This inhibits their ability to interact with cyclins D and to phosphorylate the retinoblastoma protein.

Cellular Location
Cytoplasm. Nucleus

Tissue Location
Widely expressed but not detected in brain or skeletal muscle. Isoform 3 is pancreas-specific

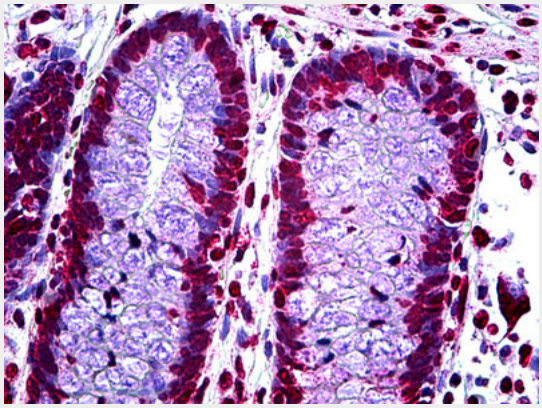
Volume
Array

CDKN2A / p16INK4a Antibody (clone 1E12E10) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CDKN2A / p16INK4a Antibody (clone 1E12E10) - Images



Anti-p16INK4A antibody IHC of human colon, crypt.

CDKN2A / p16INK4a Antibody (clone 1E12E10) - Background

Acts as a negative regulator of the proliferation of normal cells by interacting strongly with CDK4 and CDK6. This inhibits their ability to interact with cyclins D and to phosphorylate the retinoblastoma protein.

CDKN2A / p16INK4a Antibody (clone 1E12E10) - References

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