

p16-INK4 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250804

Unit: 0.1 mg

Description:

The cyclin-dependent kinase 4 inhibitor A (CDK4I or p16-INK4) acts as a negative regulator of the proliferation of normal cells by interacting strongly with CDK4 and CDK6 and by subsequently inhibiting their interaction with cyclins D and retinoblastoma protein phosphorylation. Defects in p16-INK4 are involved in tumor formation in a wide range of tissues. These defects cause cutaneous malignant melanoma 2 (CMM2), familial atypical multiple mole melanoma-pancreatic carcinoma syndrome, melanoma-astrocytoma syndrome and Li-Fraumeni syndrome.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: Ck, D, H, M, P, R

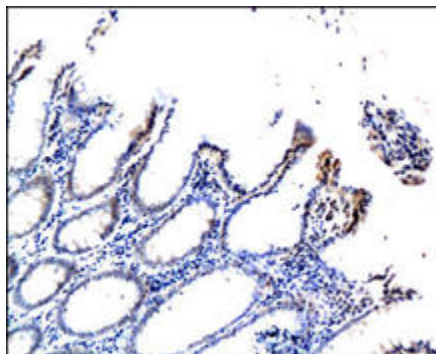
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 25% glycerol, 5 mg/ml BSA with 0.09% sodium azide. Antibody was purified by Protein-A affinity chromatography.

Alternate Names: Cyclin-dependent kinase inhibitor 2A, isoforms 1/2/3; cyclin-dependent kinase inhibitor A; CDK4I; p16-INK4a; p16INK4A; p16-INK4; multiple tumor suppressor 1; MTS-1; CDKN2A; CDKN2; MTS1

Accession No.: P42771

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of human p16-INK4.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



P16-INK4 staining in human colon cancer. Paraffin-embedded human colon cancer is stained with p16-INK4 Antibody (Cat. No. 250804) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

Product Citations: Jackson L et al. 2011. Elsevier. Cellular Immunology. 272(2):200-213. PMID# 22078270.

For research use only, not for diagnostic or therapeutic procedures.