

# Anti-CDKN2A/p16INK4a Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R011574

## Product Information

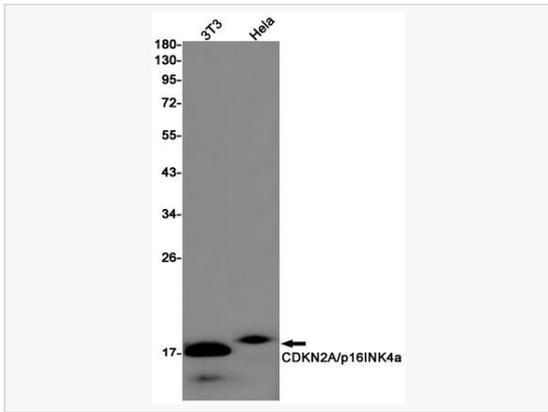
Application	WB, IP, ELISA
Reactivity	Human, Mouse
Dilution	WB 1:500~1:1,000; IP 1:20
Host	Rabbit
Clonality	Monoclonal
Clone No.	47L65M96
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human CDKN2A/p16INK4a
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-CDKN2A/p16INK4a antibody [47L65M96] is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

Synonyms	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.
Calculated MW	Calculated MW: 17 kDa; Observed MW: 17 kDa
Uniprot ID	P42771
Gene ID	1029
Background	p16-INK4A a cell-cycle regulatory protein that Interacts with CDK4 and CDK6, inhibiting their ability to interact with cyclins D. Inhibits the phosphorylation of the retinoblastoma protein by CDK4 or CDK6. Four alternatively spliced isoforms have been reported.

## Validation Images

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Western blot analysis of CDKN2A/p16INK4a in 3T3, HeLa lysates using CDKN2A antibody.