Product Name: p16 INK (16J3) Rabbit Monoclonal Antibody
Catalog #: AMRe15577
For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,FC,IP,IF-P
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:50-1:200,FC 1:200-1:500,IP 1:20-1:50,IF-P 1:50-1:200
Molecular Weight	17kDa

Antigen Information

Gene Name	CDKN2A
Alternative Names	CDKN2A; CDKN2; MTS1; isoforms 1/2/3; Cyclin-dependent kinase 4 inhibitor A; CDK4I; P16INK4; p16INK4a; Multiple tumor suppressor 1;
Gene ID	1029.0
SwissProt ID	P42771
Immunogen	A synthetic peptide of human CDKN2A/p16INK4a

Background

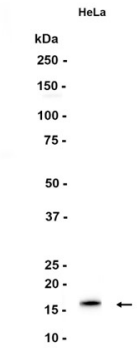
p16-INK4A a cell-cycle regulatory protein that Interacts with CDK4 and CDK6, inhibiting their ability to interact with cyclins D.

Inhibits the phosphorylation of the retinoblastoma protein by CDK4 or CDK6. Four alternatively spliced isoforms have been reported. 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.

Research Area

Cell Biology

Image Data



Western blot analysis of extracts from HeLa cells using p16 INK (16J3) Rabbit Monoclonal Antibody at 1:1000.