

**Product Name: CDKN2A/p16INK4a Rabbit Monoclonal Antibody****Catalog #: AMRe01811**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB, ICC/IF
<b>Reactivity</b>	Human, Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.51mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000, ICC/IF 1:50-1:200
<b>Molecular Weight</b>	Calculated MW: 17 kDa; Observed MW: 17 kDa

**Antigen Information**

<b>Gene Name</b>	CDKN2A 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
<b>Alternative Names</b>	
<b>Gene ID</b>	1029
<b>SwissProt ID</b>	P42771
<b>Immunogen</b>	A synthetic peptide of human CDKN2A/p16INK4a

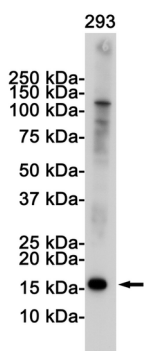
**Background**

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.

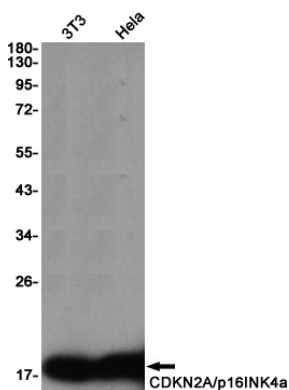
## Research Area

Cell Biology

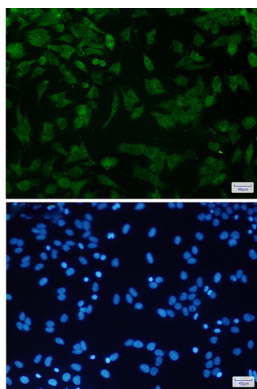
## Image Data



Western blot analysis of CDKN2A/p16INK4a in 293 lysates using CDKN2A antibody.



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



Immunocytochemistry analysis of CDKN2A/p16INK4a(green) in HeLa using CDKN2A/p16INK4a antibody, and DAPI(blue)