

**Product Name: CDKN2A/p16INK4a Rabbit Monoclonal Antibody****Catalog #: AMRe85421**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ICC
<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>	0.62mg/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>	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

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

**Antigen Information**

<b>Gene Name</b>	CDKN2A/p16INK4a
<b>Alternative Names</b>	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>Gene ID</b>	1029.0
<b>SwissProt ID</b>	P42771
<b>Immunogen</b>	Recombinant protein of human CDKN2A/p16INK4a

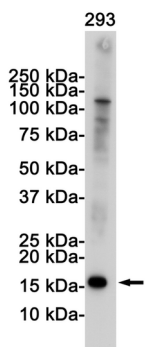
**Background**

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

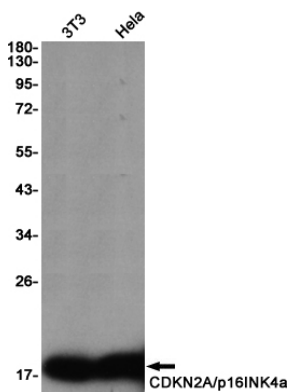
Inhibits the phosphorylation of the retinoblastoma protein by CDK4 or CDK6. Four alternatively spliced isoforms have been reported.

## Research Area

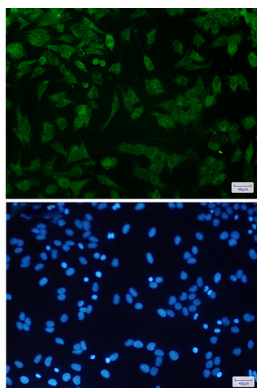
## Image Data



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)