

**Product Name: p16 INK (16J3) Rabbit Monoclonal Antibody**  
**Catalog #: AMRe15577**

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## Summary

<b>Production Name</b>	p16 INK (16J3) Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
<b>Purification</b>	Affinity purification

## Immunogen

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

## Application

<b>Dilution Ratio</b>	WB: 1:1000
<b>Molecular Weight</b>	17kDa

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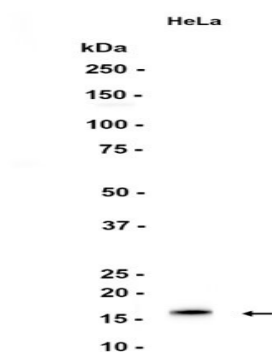


## Background

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

## Image Data



Western blot analysis of extracts from HeLa cells using RM4366 at 1:1000.

## Note

For research use only.