

**Product Name: Phospho-Rb (Thr356) Rabbit Monoclonal Antibody****Catalog #: AMRe84932**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,IP
<b>Reactivity</b>	Human,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Phosphorylated
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.5mg/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,IHC 1:50-1:100,IP 1:10-1:20
<b>Molecular Weight</b>	Calculated MW: 106 kDa; Observed MW: 110 kDa

**Antigen Information**

<b>Gene Name</b>	Phospho-Rb (Thr356)
<b>Alternative Names</b>	RB1; Retinoblastoma-associated protein; p105-Rb; pRb; Rb; pp110
<b>Gene ID</b>	5925.0
<b>SwissProt ID</b>	P06400
<b>Immunogen</b>	A synthetic phosphopeptide corresponding to residues surrounding Thr356 of human Rb

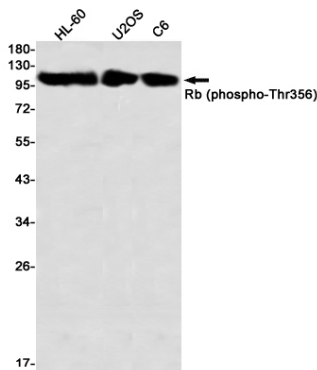
**Background**

Cell cycle-dependent phosphorylation by a CDK inhibits Rb target binding and allows cell cycle progression. Rb inactivation and subsequent cell cycle progression likely requires an initial phosphorylation by cyclin D-CDK4/6 followed by cyclin E-CDK2 phosphorylation. Specificity of different CDK/cyclin complexes has been observed in vitro and cyclin D1 is required for Ser780

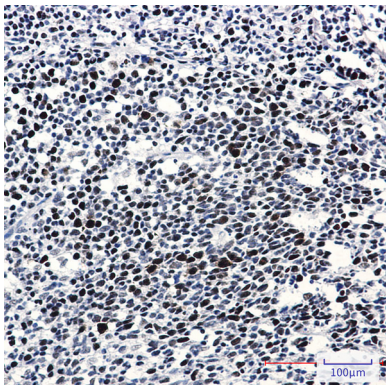
phosphorylation in vivo.

## Research Area

### Image Data



Western blot analysis of Rb (Phospho-Thr356) in HL-60, U2OS, C6 lysates using Phospho-Rb (Thr356) antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using Rb (Phospho-Thr356) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.