

**Product Name: Phospho-Rb (Ser811) Rabbit Monoclonal Antibody****Catalog #: AMRe02529**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human,Hamster
<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>	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
<b>Molecular Weight</b>	Calculated MW: 106 kDa; Observed MW: 110 kDa

**Antigen Information**

<b>Gene Name</b>	RB1
<b>Alternative Names</b>	RB1; Retinoblastoma-associated protein; p105-Rb; pRb; Rb; pp110
<b>Gene ID</b>	5925
<b>SwissProt ID</b>	P06400
<b>Immunogen</b>	A synthetic Phosphorylated peptide corresponding to residues target protein

**Background**

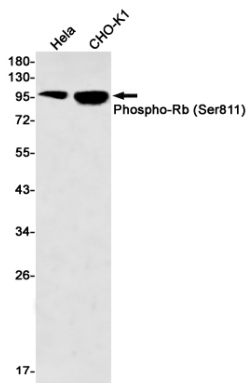
Cell cycle-dependent phosphorylation by a CDK inhibits Rb target binding and allows cell cycle progression. Rb inactivation and subsequent cell cycle progression likely requires an initial phosphorylation by cyclin D-CDK4/6 followed by cyclin E-CDK2

phosphorylation. Specificity of different CDK/cyclin complexes has been observed in vitro and cyclin D1 is required for Ser780 phosphorylation in vivo.

## Research Area

Cell Biology

## Image Data



Western blot analysis of Phospho-Rb (Ser811) in HeLa, CHO-K1 lysates using Phospho-Rb (Ser811) antibody.