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**Product Name: Phospho-Rb (Ser807) Rabbit Monoclonal Antibody****Catalog #: AMRe87447**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF
<b>Reactivity</b>	Human,Mouse,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>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:200-1:500,ICC/IF 1:200-1:500
<b>Molecular Weight</b>	Calculated MW:106 kDa; Observed MW:110 kDa

**Antigen Information**

<b>Gene Name</b>	Phospho-Rb
<b>Alternative Names</b>	RB; pRb; OSRC; pp110; p105-Rb; PPP1R130
<b>Gene ID</b>	5925
<b>SwissProt ID</b>	P06400
<b>Immunogen</b>	A synthetic phosphopeptide corresponding to residues surrounding Ser807 of human Rb

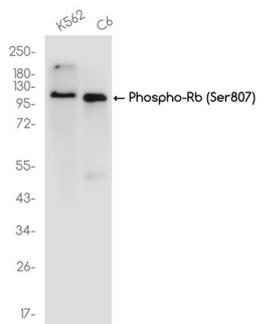
**Background**

The protein encoded by this gene is a negative regulator of the cell cycle and was the first tumor suppressor gene found. The

encoded protein also stabilizes constitutive heterochromatin to maintain the overall chromatin structure. The active, hypophosphorylated form of the protein binds transcription factor E2F1. Defects in this gene are a cause of childhood cancer retinoblastoma (RB), bladder cancer, and osteogenic sarcoma. [provided by RefSeq, Jul 2008]

## Research Area

## Image Data



Western blot analysis of extracts from K562, C6 cells using Phospho-Rb (Ser807) Rabbit Monoclonal Antibody at 1:1000.