

## PHOSPHO-RB (SER608) RABBIT MAB

**Cat.#:** N263191

**Product Name:** Anti-Phospho-Rb (Ser608) Rabbit Monoclonal Antibody

**Synonyms:** RB1; Retinoblastoma-associated protein; p105-Rb; pRb; Rb; pp110

**UNIPROT ID:** P06400

**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.

**Immunogen:** A synthetic phosphopeptide corresponding to residues surrounding Ser608 of human Rb

**Applications:** WB,IHC-P

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R02-6C5

**MW:** Calculated MW: 106 kDa; Observed MW: 110 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human,Rat

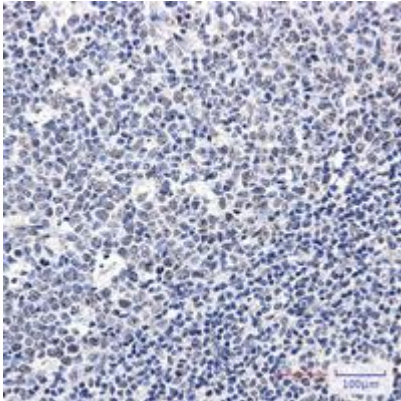
**Conjugation:** Unconjugated

**Modification:** Phosphorylated

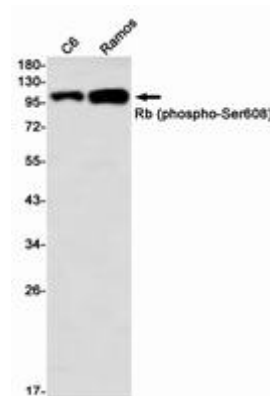
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Cell Biology

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin-embedded Human tonsil using Rb (Phospho-Ser608) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of Rb (Phospho-Ser608) in C6, Ramos lysates using Phospho-Rb (Ser608) antibody.