PHOSPHO-RB (THR252) RABBIT MAB

Cat.#: N263193

Product Name: Anti-Phospho-Rb (Thr252) 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 Thr252 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: R03-8H1

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

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human,Rat

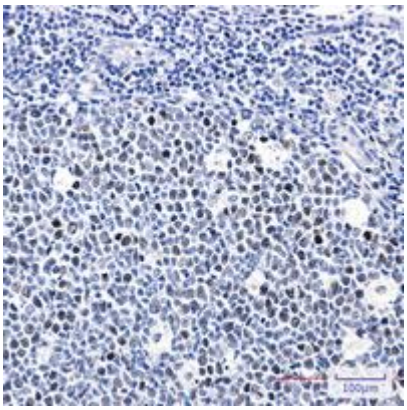
Conjugation: Unconjugated

Modification: Phosphorylated

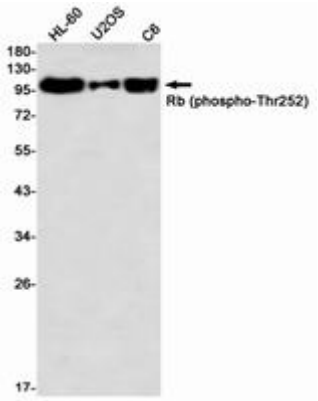
Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

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-Thr252) antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of Rb (Phospho-Thr252) in HL-60, U2OS, C6 lysates using Phospho-Rb (Thr252) antibody.