

Anti-Rb Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P013726

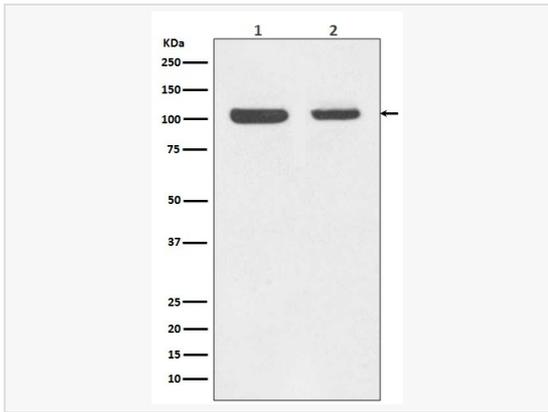
Product Information

Application	ICC/IF (Cell), IP, ELISA, IHC-P/IF (Tissue-P), WB
Reactivity	Human, Mouse
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; IP 1:20
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Retinoblastoma
Format	Buffer System: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Purification: Affinity Chromatography
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Rb antibody is for research use only and not for use in diagnostic or therapeutic procedures.

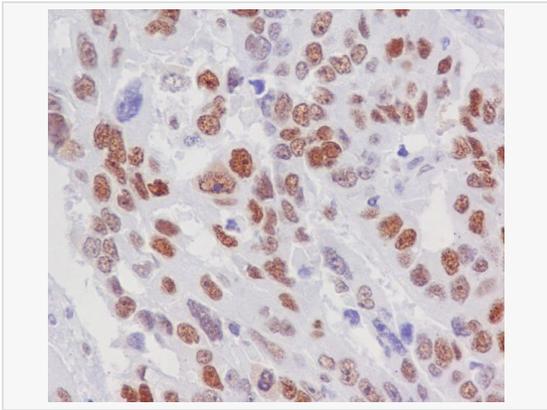
Protein Information

Synonyms	Rb1, Retinoblastoma-associated protein, p105-Rb, pRb, Rb, pp110.
Calculated MW	Calculated MW: 106 kDa; Observed MW: 106 kDa
Uniprot ID	P06400
Gene ID	5925
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.

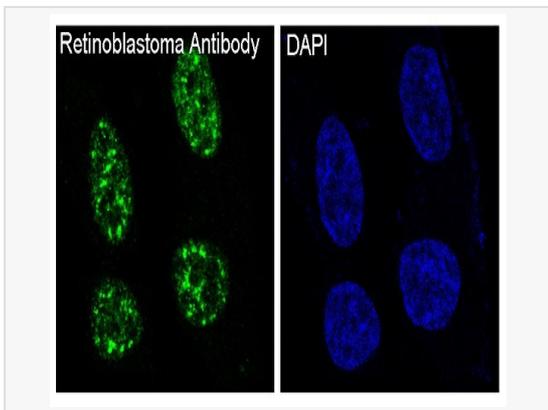
Validation Images



Western blot analysis of Retinoblastoma in (1) Jurkat lysates; (2) MCF-7 lysates using Rb antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Retinoblastoma antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunofluorescence analysis of Rb in SH-SY5Y using Retinoblastoma antibody.