

RB Rabbit pAb

Catalog No.: A11409 **1 Publications**

Basic Information

Observed MW

110kDa

Calculated MW

106kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse

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.

Recommended Dilutions

WB 1:500 - 1:1000**IF/ICC** 1:100 - 1:200

Immunogen Information

Gene ID

5925

Swiss Prot

P06400

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 300-400 of human RB (NP_000312.2).

Synonyms

RB; pRb; OSRC; pp110; p105-Rb; PPP1R130; p110-RB1

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

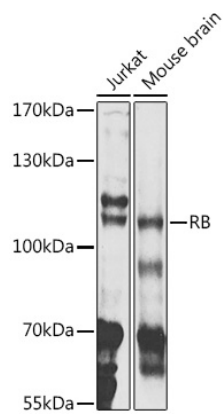
Affinity purification

Storage

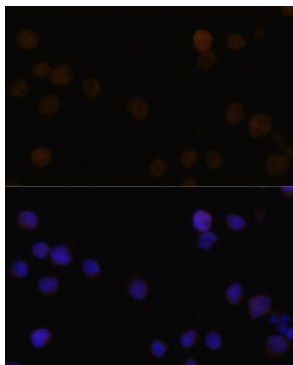
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

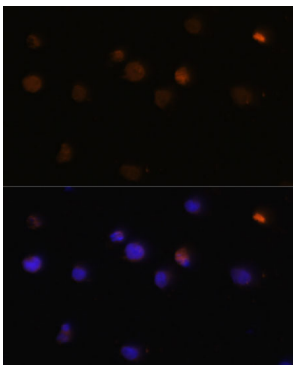
Validation Data



Western blot analysis of extracts of various cell lines, using RB antibody (A11409) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 90s.



Immunofluorescence analysis of Y79 cells using Rb antibody (A11409) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of Y79 cells using Rb Polyclonal Antibody (A11409) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.