

A11868

Leader in Biomolecular Solutions for Life Science



RB Mouse mAb

Catalog No.: A11868

Basic Information

Observed MW

106kDa

Calculated MW

106kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

WB,IHC-P,IF/ICC,IP,ChIP,FC,ELISA

Cross-Reactivity

Human,Monkey,Bovine,Pig

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 - 1:2000
IHC-P	1:50 - 1:100
IF/ICC	1:50 - 1:100
IP	1:20 - 1:50
FC	1:20 - 1:50
ChIP	1:20 - 1:100

Immunogen Information

Gene ID

5925

Swiss Prot

P06400

Immunogen

Recombinant protein of human RB

Synonyms

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

Contact



www.abclonal.com

Product Information

Source

Mouse

Isotype

IgG

Purification

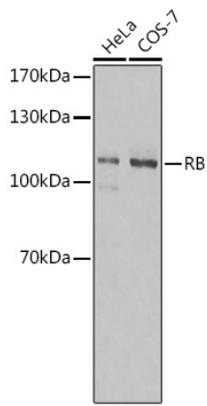
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using RB Mouse mAb (A11868).
Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.