

Phospho-RB-S807/811 Rabbit mAb

Catalog No.: AP1541 **Recombinant**

Basic Information

Observed MW

110kDa/110KD

Calculated MW

106kDa

Category

Primary antibody

Applications

WB,IP,IF/ICC,IF-P,ELISA

Cross-Reactivity

Human, Mouse

CloneNo number

ARC3336

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 1:1000 - 1:2000

IP 0.5µg-4µg antibody for
400µg-800µg extracts of
whole cells

IF/ICC 1:200 - 1:800

IF-P 1:200 - 1:800

ELISA Recommended starting
concentration is 1 µg/mL.
Please optimize the
concentration based on
your specific assay
requirements.

Immunogen Information

Gene ID

5925

Swiss Prot

P06400

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

RB; pRb; OSRC; pp110; p105-Rb; PPP1R130; p110-RB1; Phospho-RB-S807/811

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,0.05% BSA,50% glycerol,pH7.3.

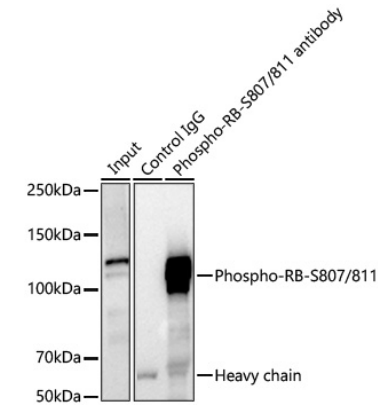
Contact

☎ | 400-999-6126

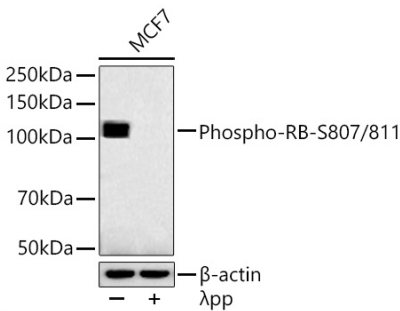
✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

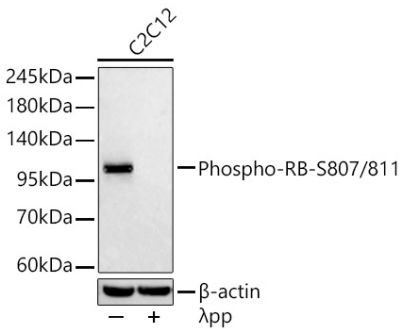
Validation Data



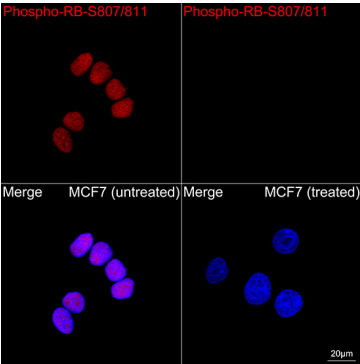
Immunoprecipitation of Phospho-RB-S807/811 from 900 µg extracts of MCF7 cells was performed using 1 µg of Phospho-RB-S807/811 Rabbit mAb (AP1541). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1X Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using Phospho-RB-S807/811 Rabbit mAb (AP1541) at a dilution of 1 : 1000.



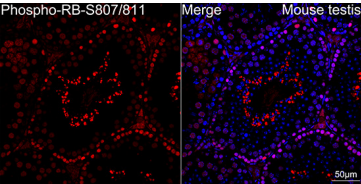
Western blot analysis of lysates from MCF7 cells using Phospho-RB-S807/811 Rabbit mAb (AP1541) at 1:1000 dilution incubated overnight at 4°C. MCF7 cells were treated by λ-PP mixed solution (1µl) at 30°C for 30 minutes.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 30 µg per lane.
Blocking buffer: 3 % nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.



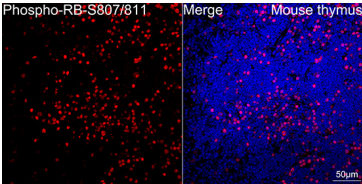
Western blot analysis of lysates from C2C12 cells using Phospho-RB-S807/811 Rabbit mAb (AP1541) at 1:1000 dilution incubated overnight at 4°C. C2C12 cells were treated by λ-PP mixed solution (1µl) at 30°C for 30 minutes.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 30 µg per lane.
Blocking buffer: 3 % nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



Confocal imaging of MCF7 cells (treated with



Confocal imaging of paraffin-embedded



Confocal imaging of paraffin-embedded

Validation Data

λPP) and MCF7 cells (untreated) cells using Phospho-RB-S807/811 Rabbit mAb (AP1541, dilution 1:800) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.

Mouse testis tissue using Phospho-RB-S807/811 Rabbit mAb (AP1541, dilution 1:800) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.

Mouse thymus tissue using Phospho-RB-S807/811 Rabbit mAb (AP1541, dilution 1:800) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.