

# Phospho-RB-S780 Rabbit mAb

Catalog No.: AP0117 **Recombinant** **3 Publications**

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

106kDa

### Category

Primary antibody

### Applications

IHC-P, ELISA

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC0096

## 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

**IHC-P** 1:50 - 1:200

**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-S780

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

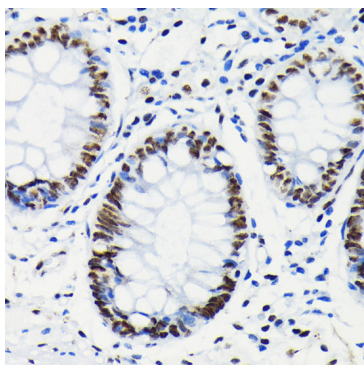
### Storage

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

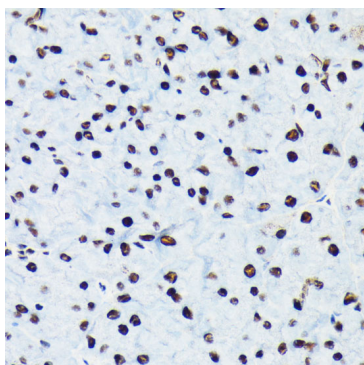
Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

## Validation Data

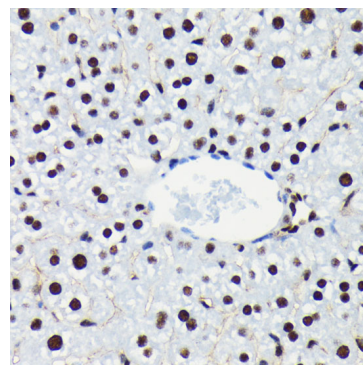
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Immunohistochemistry analysis of paraffin-embedded Human colon using Phospho-RB-S780 Rabbit mAb (AP0117) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat pancreas using Phospho-RB-S780 Rabbit mAb (AP0117) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse liver using Phospho-RB-S780 Rabbit mAb (AP0117) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.