A3618

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RB Rabbit mAb

Catalog No.: A3618 Recombinant 3 Publications

Basic Information

Observed MW
110kDa

Calculated MW
106kDa

Category
Monoclonal Antibody

Applications
IF/ICC,ELISA

Cross-Reactivity
Human

Clone number
ARC0810

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

IF/ICC	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
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

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

Contact

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Product Information

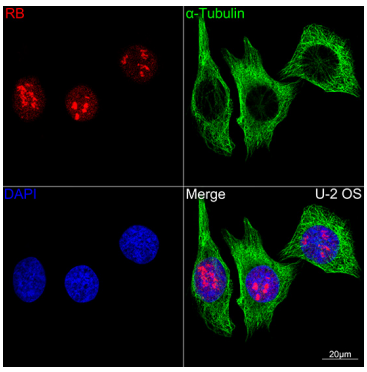
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃

Validation Data



Confocal imaging of U-2 OS cells using RB Rabbit mAb (A3618,dilution 1:100)(Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012,dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.