

## RB1 monoclonal antibody

Catalog: MB21780

Host: Mouse

Reactivity: Human

**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. <br />

**Product:**

Purified antibody in PBS with 0.05% sodium azide

**Molecular Weight:**

106.2kDa

**Swiss-Prot:**

P06400

**Purification&Purity:**

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

**Applications:**

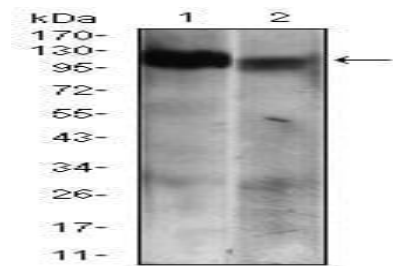
WB:1/500 - 1/2000 FC:1/200 - 1/400

**Storage&Stability:**

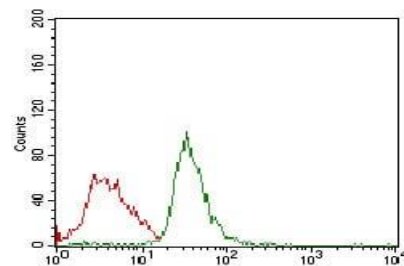
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

Mouse IgG1

**DATA:**

Western blot analysis using RB1 mouse mAb against Jurkat (1) and A431 (2) cell lysate.



Flow cytometric analysis of Jurkat cells using RB1 mouse mAb (green) and negative control (red).

**Note:**

For research use only, not for use in diagnostic procedure.

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