

RB1 monoclonal antibody

Catalog: MB21773

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.

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 IF:1/200 - 1/1000 FC:1/200 - 1/400

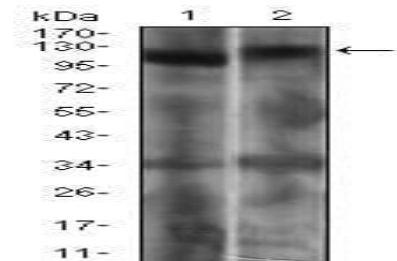
Storage&Stability:

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

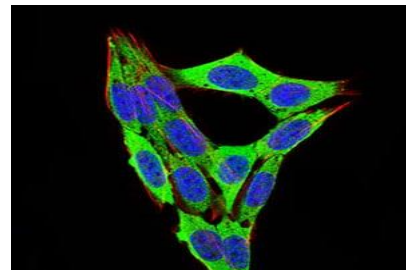
Isotype:

Mouse IgG1

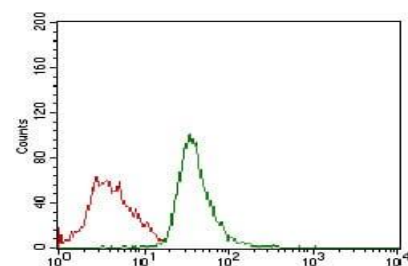
DATA:



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



Immunofluorescence analysis of NIH/3T3 cells using RB1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



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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