

## PPP1CB monoclonal antibody

Catalog: MB21835

Host: Mouse

Reactivity: Human

### BackGround:

The protein encoded by this gene is one of the three catalytic subunits of protein phosphatase 1 (PP1). PP1 is a serine/threonine specific protein phosphatase known to be involved in the regulation of a variety of cellular processes, such as cell division, glycogen metabolism, muscle contractility, protein synthesis, and HIV-1 viral transcription. Mouse studies suggest that PP1 functions as a suppressor of learning and memory. Two alternatively spliced transcript variants encoding distinct isoforms have been observed

### Product:

Purified antibody in PBS with 0.05% sodium azide.

### Molecular Weight:

37.2kDa

### Swiss-Prot:

P62140

### 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 IHC:1/200 - 1/1000 FC:1/200 - 1/400

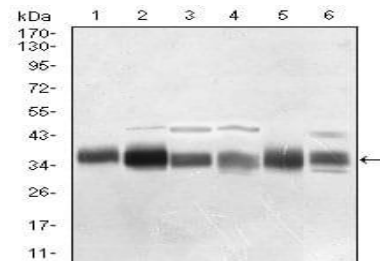
### Storage&Stability:

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

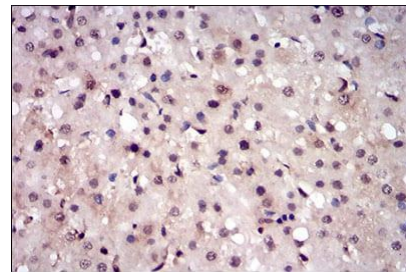
### Isotype:

Mouse IgG1

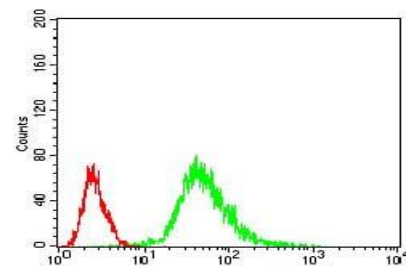
### DATA:



Western blot analysis using PPP1CB mouse mAb against Jurkat (1), A431 (2), Hela (3), HepG2 (4), HEK293 (5), MCF-7 (6) cell lysate.



Immunohistochemical analysis of paraffin-embedded human liver tissues using PPP1CB mouse mAb with DAB staining.



Flow cytometric analysis of Jurkat cells using PPP1CB mouse mAb (green) and negative control (red).

### Note:

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

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