

## CCNB1 monoclonal antibody

Catalog: MB21393

Host: Mouse

Reactivity: Human,Rat

### BackGround:

The protein encoded by this gene is a regulatory protein involved in mitosis. The gene product complexes with p34(cdc2) to form the maturation-promoting factor (MPF). Two alternative transcripts have been found, a constitutively expressed transcript and a cell cycle-regulated transcript, that is expressed predominantly during G2/M phase. The different transcripts result from the use of alternate transcription initiation sites. (provided by RefSeq) It has higher expression in tumor tissues .

### Product:

Ascitic fluid containing 0.03% sodium azide.

### Molecular Weight:

60kDa

### Swiss-Prot:

P14635

### 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

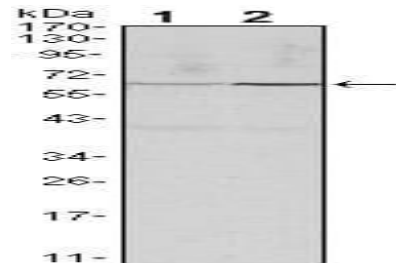
### Storage&Stability:

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

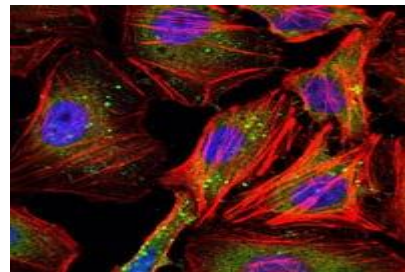
### Isotype:

Mouse IgG1

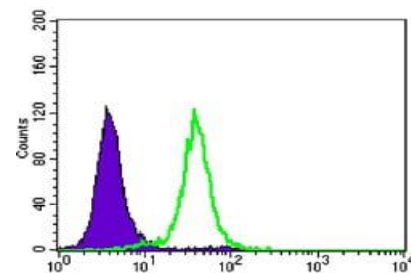
### DATA:



Western blot analysis using CCNB1 mouse mAb against HeLa (1) and PC-12 (2) cell lysate.



Immunofluorescence analysis of HeLa cells using CCNB1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Flow cytometric analysis of HeLa cells using CCNB1 mouse mAb (green) and negative control (purple).

### Note:

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

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