



## CCNB Mouse Monoclonal Antibody

E10-30124

**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 .

**Catalog Number:** E10-30124

**Amount:** 100µg/100µl

**Clone Number:** 5G6

**Species:** Mouse IgG1

**MW:** 60kDa

**Aliases:** CCNB; CCNB1

**Entrez Gene:** 891

**Immunogen:** Purified recombinant fragment of human CCNB1 expressed in E. Coli.

**Storage:** Store at 4°C, for long term storage, store at -20°C.

**Formulation:** Ascitic fluid containing 0.03% sodium azide.

**Species Reactivities:** Human; Rat

**Tested Applications:** WB, IF, FC, ELISA. Not yet tested in other applications.

**Application notes:** WB: 1/500 - 1/2000, IF: 1/200 - 1/1000, FC: 1/200-1/400,  
ELISA: Propose dilution 1/10000.

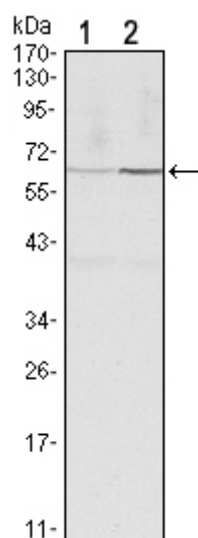


Figure 1: Western blot analysis using CCNB1 mouse mAb against Hela (1) and PC-12 (2) cell lysate.

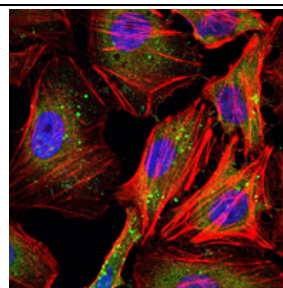


Figure 2: Immunofluorescence analysis of Hela cells using CCNB1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

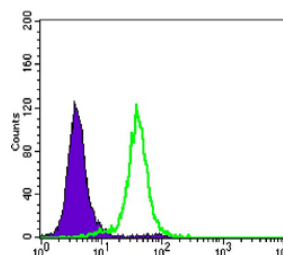


Figure 3: Flow cytometric analysis of Hela cells using CCNB1 mouse mAb (green) and negative control (purple).

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