
Product Name: CCNB1 Mouse Monoclonal Antibody**Catalog #: AMM80911**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ICC,ELISA,FC
Reactivity	Human,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS containing 0.03% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	60kDa

Antigen Information

Gene Name	CCNB1
Alternative Names	CCNB; CCNB1
Gene ID	891.0
SwissProt ID	P14635
Immunogen	Purified recombinant fragment of human CCNB1 expressed in E. Coli.

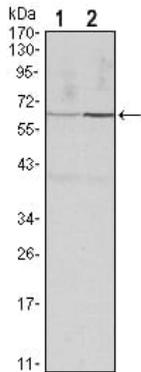
Background

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

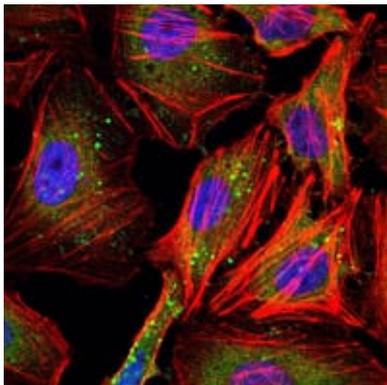
the use of alternate transcription initiation sites. (provided by RefSeq) It has higher expression in tumor tissues .

Research Area

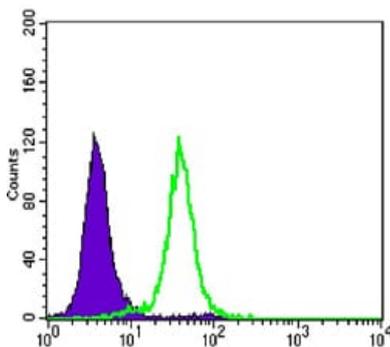
Image Data



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).