



Category: Monoclonal Antibodies Cat. #: MAB-606030116

# **Product Name: Mouse Monoclonal Antibody to CCNB1**

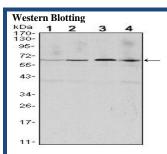


Figure 1: Western blot analysis using CCNB1 mouse mAb against Hela (1), Jurkat (2), K562 (3) and PC-12 (4) cell lysate.

# IHC-P (paraffin)

Figure 2: Immunohistochemical analysis of paraffin-embedded lung cancer (left) and ovary tumour tissues (right) using CCNB1 mouse mAb with DAB staining.

Lot#:

Clone#: 1B10

Host and isotype: Mouse IgG1

Size: 0.1ml MW: 60kDa

Aliases: CCNB; CCNB1 Entrez Gene: 891

Species reactivity: Human

#### Description

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 .

#### Immunogen

Purified recombinant fragment of human CCNB1 expressed in E. Coli.

# Applications

Western Bloting: 1/500 - 1/2000.

Immunohistochemistry: 1/200 - 1/1000.

ELISA: Propose dilution 1/10000.

Not yet tested in other applications.

Determining optimal working dilutions by titration test.

### Formulation

Ascitic fluid containing 0.03% sodium azide.

#### Storage

Store at  $4^{\circ}$ C, for long term storage, store at  $-20^{\circ}$ C.

# Related product

## References

1. Oncol Rep. 2009 Oct;22(4):745-55.

2. Cancer Biol Ther. 2009 Dec;8(24):2374-83.

3. Cytokine. 2010 Apr; 50(1):42-9.

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