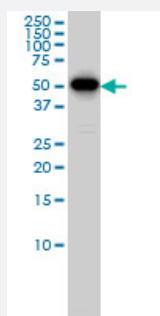


CCNB1 monoclonal antibody (M01), clone 1C8

Catalog # H00000891-M01

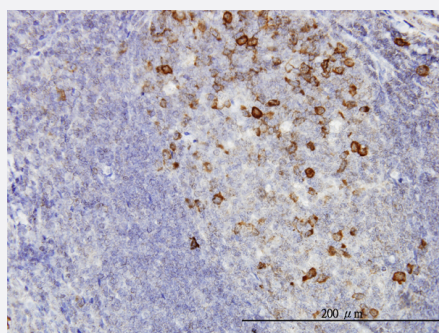
Size 100 ug

Applications



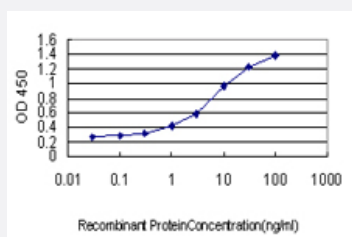
Western Blot (Cell lysate)

CCNB1 monoclonal antibody (M01), clone 1C8 Western Blot analysis of CCNB1 expression in JAR (Cat # L003V1).



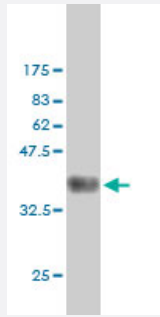
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to CCNB1 on formalin-fixed paraffin-embedded human tonsil. [antibody concentration 5 ug/ml]



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CCNB1 is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (35.64 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant CCNB1.
Immunogen	CCNB1 (NP_114172, 1 a.a. ~ 90 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MALRVTRNSKINAENKAKINMAGAKRVPTAPAATSKPGLRPRTALGDIGNKVSEQLQAKMPMKKE AKPSATGKVIDKKLPKPLEKVPMLV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Rat (69)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.64 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

CCNB1 monoclonal antibody (M01), clone 1C8 Western Blot analysis of CCNB1 expression in JAR (Cat # L003V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to CCNB1 on formalin-fixed paraffin-embedded human tonsil. [antibody concentration 5 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CCNB1 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — CCNB1

Entrez GeneID [891](#)

GeneBank Accession# [NM_031966](#)

Protein Accession# [NP_114172](#)

Gene Name CCNB1

Gene Alias CCNB

Gene Description cyclin B1

Omim ID [123836](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations G2/mitotic-specific cyclin B1

Publication Reference

- [Ilamycin E, a natural product of marine actinomycete, inhibits triple-negative breast cancer partially through ER stress-CHOP-Bcl-2.](#)

Zhou W, Fang H, Wu Q, Wang X, Liu R, Li F, Xiao J, Yuan L, Zhou Z, Ma J, Wang L, Zhao W, You H, Ju J, Feng J, Chen C.

International Journal of Biological Sciences 2019 Jun; 15(8):1723.

Application: WB-Ce, Human, HCC1937, MDA-MB-468 cells

Pathway

- [Cell cycle](#)
- [p53 signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)