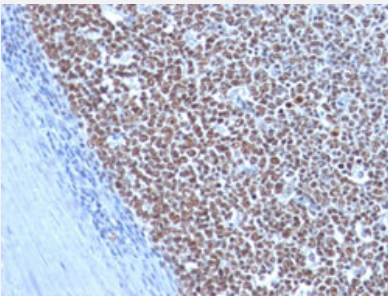


CCNB1 monoclonal antibody, clone CCNB1/1098

Catalog # MAB14655

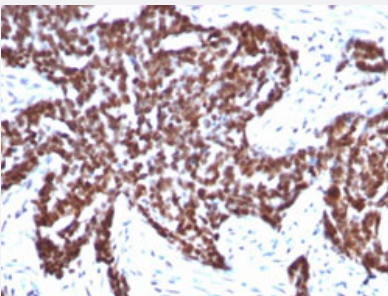
Size 100 ug

Applications



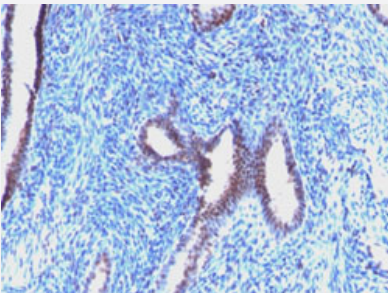
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with CCNB1 monoclonal antibody, clone CCNB1/1098 (Cat # MAB14655).



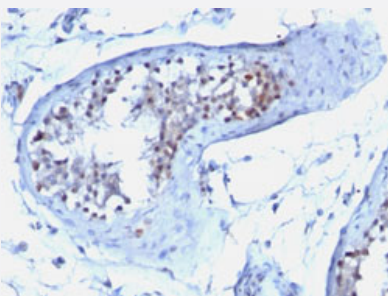
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human ovarian carcinoma with CCNB1 monoclonal antibody, clone CCNB1/1098 (Cat # MAB14655).



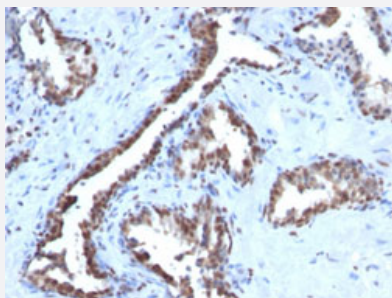
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human endometrial carcinoma with CCNB1 monoclonal antibody, clone CCNB1/1098 (Cat # MAB14655).



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human testicular carcinoma with CCNB1 monoclonal antibody, clone CCNB1/1098 (Cat # MAB14655).



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human prostate carcinoma with CCNB1 monoclonal antibody, clone CCNB1/1098 (Cat # MAB14655).

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant human CCNB1.
Immunogen	Recombinant protein corresponding to full length human CCNB1.
Host	Mouse
Theoretical MW (kDa)	55-62
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/million cells in 0.1 mL) Immunofluorescence (1-2 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS.
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with CCNB1 monoclonal antibody, clone CCNB1/1098 (Cat # MAB14655).

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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human ovarian carcinoma with CCNB1 monoclonal antibody, clone CCNB1/1098 (Cat # MAB14655).

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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human endometrial carcinoma with CCNB1 monoclonal antibody, clone CCNB1/1098 (Cat # MAB14655).

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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human testicular carcinoma with CCNB1 monoclonal antibody, clone CCNB1/1098 (Cat # MAB14655).

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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human prostate carcinoma with CCNB1 monoclonal antibody, clone CCNB1/1098 (Cat # MAB14655).

- Immunofluorescence

- Flow Cytometry

Gene Info — CCNB1

Entrez GeneID [891](#)

Protein Accession# [P14635](#)

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 co complexes with p34(cdc2) to form the maturation-promoting factor (MPF). Two alternative transcript s have been found, a constitutively expressed transcript and a cell cycle-regulated transcript, that i s expressed predominantly during G2/M phase. The different transcripts result from the use of alte mate transcription initiation sites. [provided by RefSeq]

Other Designations G2/mitotic-specific cyclin B1

Publication Reference

- [Specific activation of cdc25 tyrosine phosphatases by B-type cyclins: evidence for multiple roles of mitotic cyclins.](#)

Galaktionov K, Beach D.

Cell 1991 Dec; 67(6):1181.

Pathway

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

Disease

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