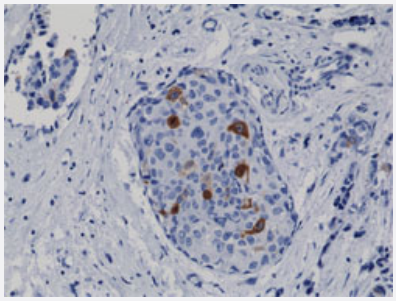
RecomAb™

CCNB1 monoclonal antibody, clone RM281

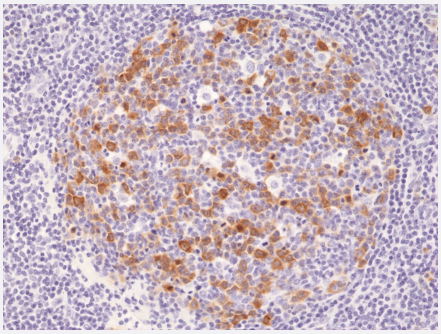
Catalog # MAB14928 Size 100 uL

Applications



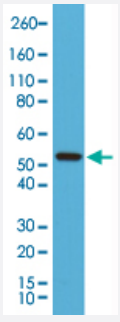
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human breast cancer with CCNB1 monoclonal antibody, clone RM281 (Cat # MAB14928).



Immunohistochemistry

Immunohistochemical staining of formalin fixed and paraffin embedded human tonsil tissue sections using CCNB1 monoclonal antibody, clone RM281 (Cat# MAB14928)1 at a 1:1000 dilution.



Western Blot (Cell lysate)

Western Blot analysis of Jurkat cell lysate with CCNB1 monoclonal antibody, clone RM281 (Cat # MAB14928).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against of human CCNB1.

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Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human CCNB1.
Sequence	N/A
Reactivity	Human
Form	Liquid
Purification	Protein A purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:1000-1:2000) Western Blotting (1:1000-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (50% glycerol, 1% BSA, 0.09% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human breast cancer with CCNB1 monoclonal antibody, clone RM281 (Cat # MAB14928).

- Immunohistochemistry

  Immunohistochemical staining of formalin fixed and paraffin embedded human tonsil tissue sections using CCNB1 monoclonal antibody, clone RM281 (Cat# MAB14928)1 at a 1:1000 dilution.

- Western Blot (Cell lysate)

  Western Blot analysis of Jurkat cell lysate with CCNB1 monoclonal antibody, clone RM281 (Cat # MAB14928).

Gene Info — CCNB1

Entrez GeneID	891
Protein Accession#	P14635

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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 mplexes 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 rnate transcription initiation sites. [provided by RefSeq
Other Designations	G2/mitotic-specific cyclin B1

Pathway

- Cell cycle
- p53 signaling pathway

Disease

- Adenocarcinoma
- Esophageal Neoplasms
- Genetic Predisposition to Disease
- Ovarian Neoplasms

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