

Anti-Cyclin B1 CCNB1 Rabbit Monoclonal Antibody

Catalog # ABO13965

Product Information

Application	WB, IHC, IF, ICC, IP, FC
Primary Accession	P14635
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-Cyclin B1 CCNB1 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human.

Additional Information

Gene ID	891
Other Names	G2/mitotic-specific cyclin-B1, CCNB1, CCNB
Calculated MW	48337
Application Details	WB 1:1000-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 IP 1:50 FC 1:30
Subcellular Localization	Cytoplasm. Nucleus. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome.
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: CIC-3
Immunogen	A synthesized peptide derived from human Cyclin B1
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	CCNB1
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Synonyms

CCNB

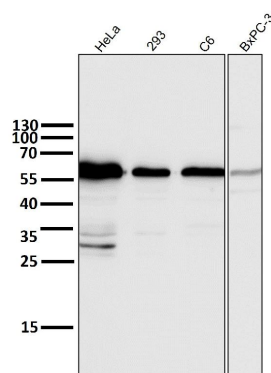
Function

Essential for the control of the cell cycle at the G2/M (mitosis) transition (PubMed:[27030811](#), PubMed:[17495531](#), PubMed:[17495533](#)). Binds and activates cyclin-dependent protein kinase CDK1/CDC2 (PubMed:[41100585](#)).

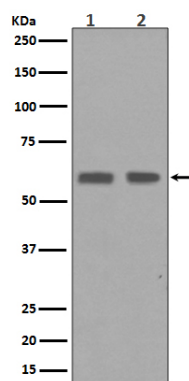
Cellular Location

Cytoplasm. Nucleus. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome

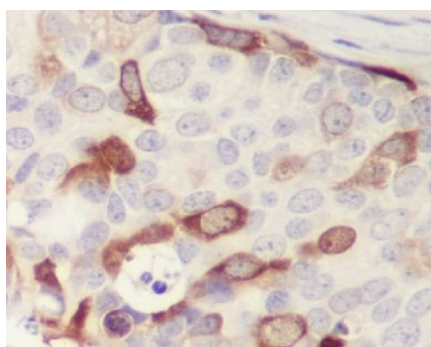
Images



All lanes use the Antibody at 1:6K dilution for 1 hour at room temperature.



Western blot analysis of Cyclin B1 expression in (1)HaCaT cell lysates; (2)HepG2 cell lysate.



Immunohistochemical analysis of paraffin-embedded human breast cancer, using Cyclin B1 Antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.