

Rabbit anti-Human Cyclin B1 Monoclonal Antibody | anti-CCNB1 antibody

[KO Validated] Cyclin B1 Rabbit mAb

CATALOG # AAA282658	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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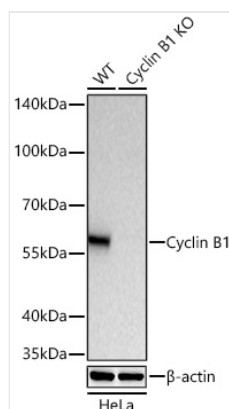
PRODUCT SYNONYMS

Cyclin B1; Monoclonal Antibody; [KO Validated] Cyclin B1 Rabbit mAb; CCNB; B1; anti-CCNB1 antibody

PRODUCT SPECIFICATIONS

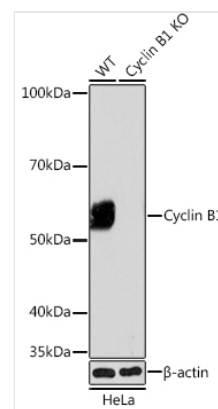
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	LRVTRNSKIN AENKAKINMA GAKRVPTAPA ATSKPGLRPR TALGDIGNKV SEQLQAKMPM KKEAKPSATG KVIDKKLPKP LEKVPMLVPV PVSEPVEPE PEPEPEPVKE EKLSPPEILV DTASPSMET SGCAPAEEDL CQAFSDVILA VNDVDAEDGA DPNLCSEYVK DIYAY
Applicable Applications for anti-CCNB1 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 3-177 of human Cyclin B1 (P14635).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from Jurkat cells using [KO Validated] Cyclin B1 Rabbit mAb (AAA282658) at 1:5000 dilution incubated at room temperature for 1.5 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 45s.



WB (Western Blot)

Western blot analysis of lysates from wild type (WT) and Cyclin B1 knockout (KO) HeLa cells using [KO Validated] Cyclin B1 Rabbit mAb (AAA282658) at 1:5000 dilution incubated at room temperature for 1.5 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 45s.

ADDITIONAL INFORMATION

Related Product Information for anti-CCNB1 antibody	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). The encoded protein is necessary for proper control of the G2/M transition phase of the cell cycle.
Product Categories/Family for anti-CCNB1 antibody	Epigenetics Nuclear Signaling; Cancer; ATM Signaling Pathway; Cell Biology Developmental Biology; Cell Cycle; Centrosome; Cell Cycle Control-G2 M DNA Damage Checkpoint; Endocrine Metabolism; AMPK Signaling Pathway; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	14327896
NCBI GeneID	891
NCBI Accession #	NP_114172.1
NCBI GenBank Nucleotide #	NM_031966.3
UniProt Accession #	P14635
Molecular Weight	Calculated MW: 48kDa Observed MW: 55kDa
UniProt Protein Name	G2/mitotic-specific cyclin-B1
UniProt Gene Name	CCNB1
UniProt Synonym Gene Names	CCNB
UniProt Entry Name	CCNB1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cyclin-b1-antibody-western-blot-elisa/282658>