

KD-Validated Anti-Cyclin B1 Rabbit Monoclonal Antibody
Rabbit monoclonal antibody
Catalog # AGI1804**Specification**

KD-Validated Anti-Cyclin B1 Rabbit Monoclonal Antibody - Product Information

Application	WB, FC, ICC
Primary Accession	P14635
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 48 kDa, observed, 55 kDa kDa
Gene Name	CCNB1
Aliases	CCNB1; Cyclin B1; CCNB; G2/Mitotic-Specific Cyclin-B1; G2/Mitotic-Specific Cyclin B1
Immunogen	A synthesized peptide derived from human Cyclin B1

KD-Validated Anti-Cyclin B1 Rabbit Monoclonal Antibody - Additional Information

Gene ID	891
Other Names	
G2/mitotic-specific cyclin-B1, CCNB1, CCNB	

KD-Validated Anti-Cyclin B1 Rabbit Monoclonal Antibody - Protein Information**Name** CCNB1**Synonyms** CCNB**Function**

Essential for the control of the cell cycle at the G2/M (mitosis) transition.

Cellular Location

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

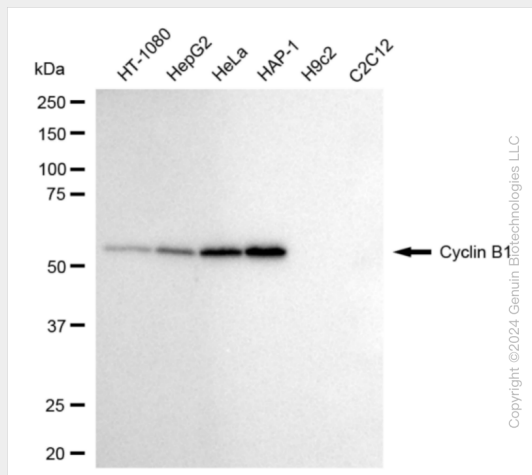
KD-Validated Anti-Cyclin B1 Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

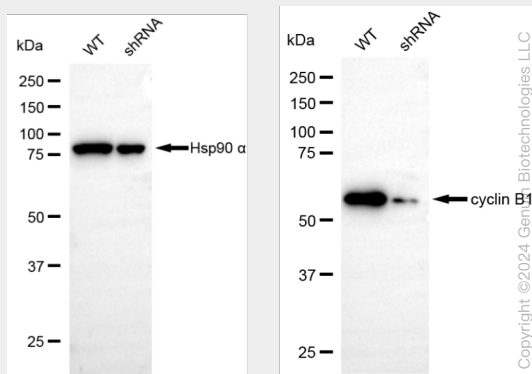
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)

- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

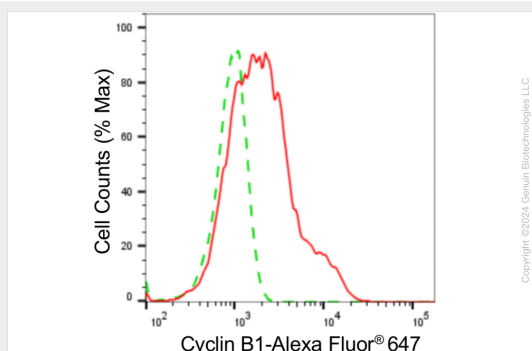
KD-Validated Anti-Cyclin B1 Rabbit Monoclonal Antibody - Images



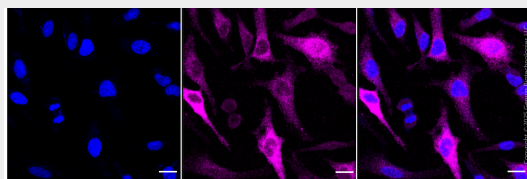
Western blotting analysis using anti-cyclin B1 antibody (Cat#AGI1804). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-cyclin B1 antibody (Cat#AGI1804, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-cyclin B1 antibody (Cat#AGI1804). Cyclin B1 expression in wild-type (WT) and cyclin B1 (CCNB1) shRNA knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-cyclin B1 antibody (Cat#AGI1804, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of Cyclin B1 expression in HeLa cells using anti-Cyclin B1 antibody (Cat#AGI1804, 1:2,000). Green, isotype control; red, Cyclin B1.



Immunocytochemical staining of HeLa cells with Cyclin B1 antibody (Cat#AGI1804, 1:1,000). Nuclei were stained blue with DAPI; Cyclin B1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μ m.