9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-Phospho-Cyclin B1 (Ser126) Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1806

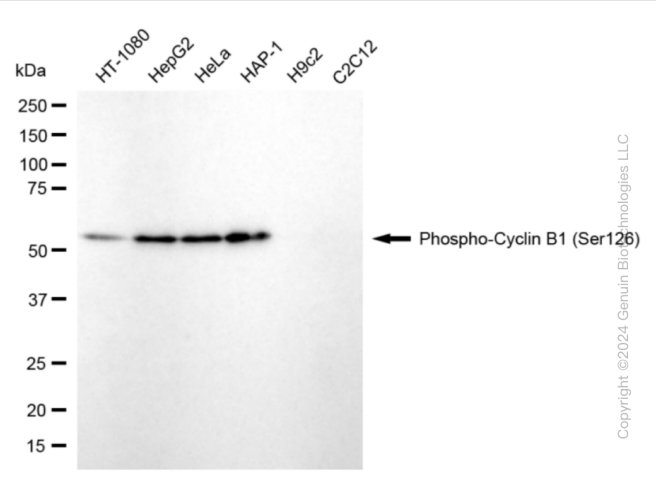
Product Overview

Name	KD-Validated Anti-Phospho-Cyclin B1 (Ser126) Rabbit Monoclonal Antibody
Accession(Primary)	P14635
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Phospho-Cyclin B1 (Ser126)
Species Reactivity	Human
Calculated MW	Predicted, 48 kDa, observed, 55 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Immunocytochemistry (IC): 1:100-1:1,000

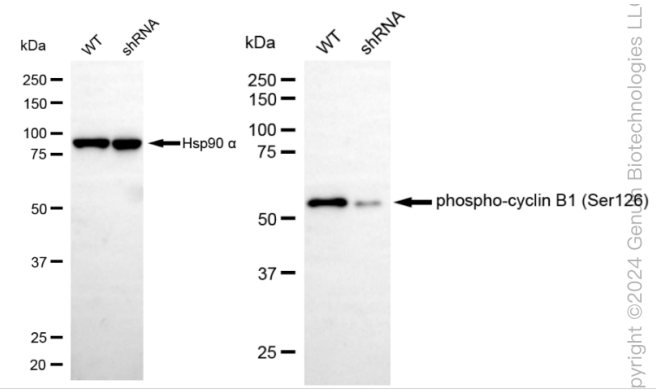
Target information (P14635)

Gene Name	CCNB1
About Gene Symbol	CCNB1 (Cyclin B1) is a protein kinase and signaling regulator involved in cell cycle regulation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

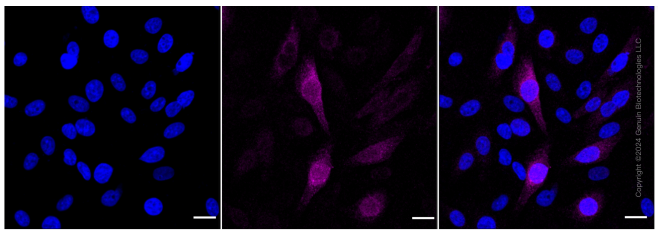
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Western blotting analysis using anti-phospho-cyclin B1 (Ser126) antibody (Cat#ABG1806). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-phospho-cyclin B1 (Ser126) antibody (Cat#ABG1806, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-phospho-cyclin B1 (Ser126) antibody (Cat#ABG1806). Phospho-cyclin B1 (Ser126) expression in wild type (WT) and 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-phospho-cyclin B1 (Ser126) antibody (Cat#ABG1806, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Immunocytochemical staining of HepG2 cells with anti-phospho-cyclin B1 (Ser126) antibody (Cat#ABG1806, 1:1,000). Nuclei were stained blue with DAPI; Phospho-cyclin B1 (Ser126) 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 µm.