

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

Rabbit monoclonal antibody Catalog # AGI1806

Specification

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

Application WB, 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

Phospho-Cyclin B1 (Ser126)

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

Gene ID 891

Other Names

G2/mitotic-specific cyclin-B1, CCNB1, CCNB

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

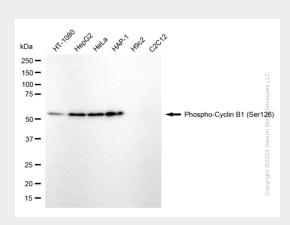
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides

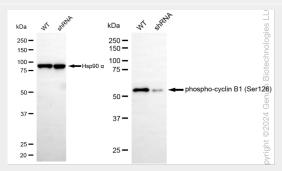


- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

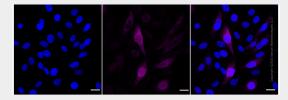
KD-Validated Anti-Phospho-Cyclin B1 (Ser126) Rabbit Monoclonal Antibody - Images



Western blotting analysis using anti-phospho-cyclin B1 (Ser126) antibody (Cat#AGI1806). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-phospho-cyclin B1 (Ser126) antibody (Cat#AGI1806, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-phospho-cyclin B1 (Ser126) antibody (Cat#AGI1806). Phospho-cyclin B1 (Ser126) expression in wild type (WT) and CCNB1 shRNA knockdown (KD) HT-1080 cells with 20 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-phospho-cyclin B1 (Ser126) antibody (Cat#AGI1806, 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#AGI1806, 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 μ m.