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

# KD-Validated Anti-CHMP2B Rabbit Monoclonal Antibody

*Rabbit monoclonal antibody*

ABG1146

## Product Overview

| | |
|---|---|
| **Name** | KD-Validated Anti-CHMP2B Rabbit Monoclonal Antibody |
| **Accession(Primary)** | Q9UQN3 |
| **Host Species** | Rabbit |
| **Clonality** | Monoclonal |
| **Isotype** | Rabbit IgG |
| **Immunogen** | A synthesized peptide derived from CHMP2B |
| **Species Reactivity** | Human, Mouse, Rat |
| **Calculated MW** | Predicted, 24 kDa , observed, 28 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 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000 |

## Target information (Q9UQN3)

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|---|---|
| **Gene Name** | CHMP2B |
| **About Gene Symbol** | CHMP2B (Charged Multivesicular Body Protein 2B) is an epigenetic and nuclear regulatory protein involved in chromatin remodeling and epigenetics. It is an important research target in epigenetic regulation, chromatin biology, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets. |

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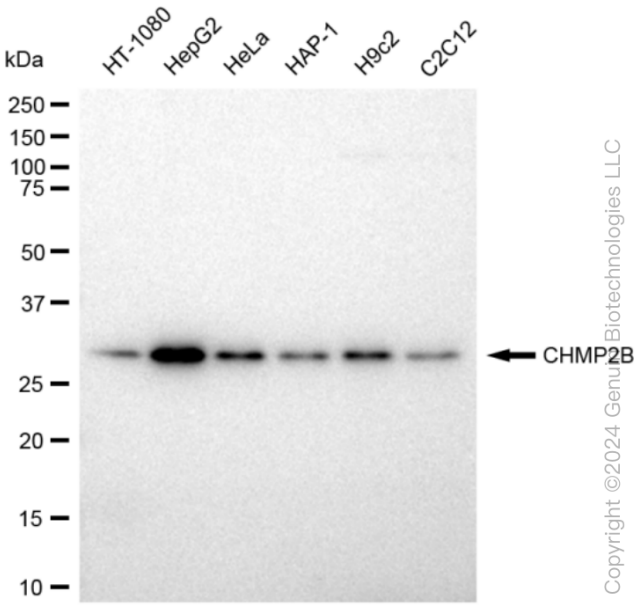


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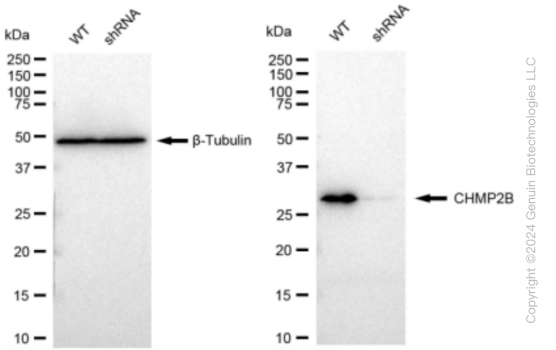
Western blotting analysis using anti-CHMP2B antibody (Cat#ABG1146). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CHMP2B antibody (Cat#ABG1146, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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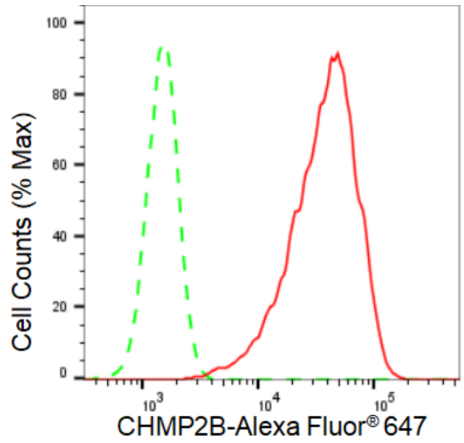
Western blotting analysis using anti-CHMP2B antibody (Cat#ABG1146). CHMP2B expression in wild type (WT) and CHMP2B shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with anti-CHMP2B antibody (Cat#ABG1146, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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Flow cytometric analysis of CHMP2B expression in HepG2 cells using CHMP2B antibody (Cat#ABG1146, 1:2,000). Green, isotype control; red, CHMP2B.

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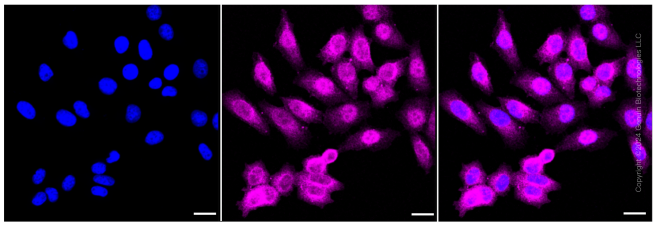

Immunocytochemical staining of HepG2 cells with CHMP2B antibody (Cat#ABG1146, 1:1,000). Nuclei were stained blue with DAPI; CHMP2B was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.