

KD-Validated Anti-CHMP2B Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

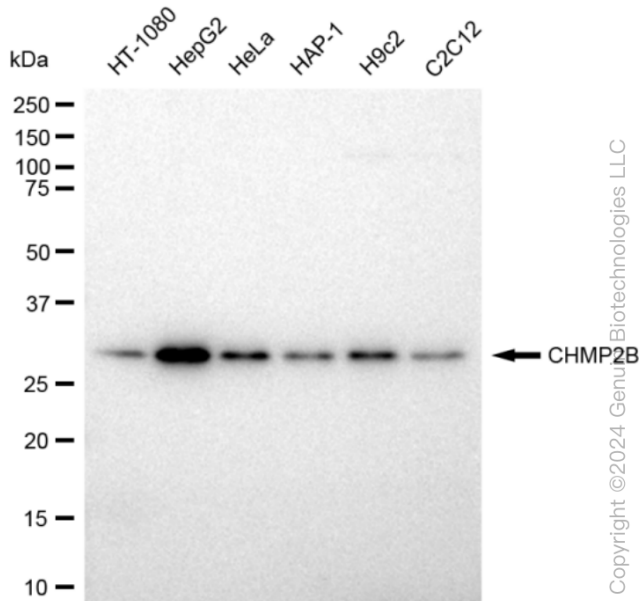
ABG1146

Product Overview

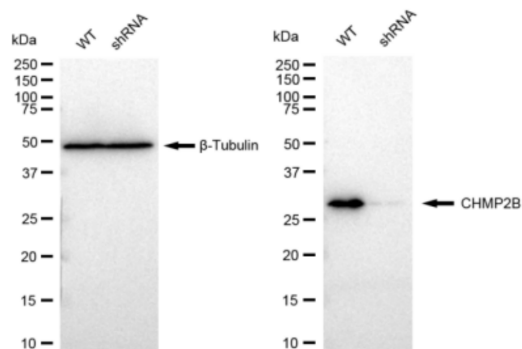
Name	KD-Validated Anti-CHMP2B Rabbit Monoclonal Antibody
Accession(Primary)	Q9UQN3
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from CHMP2B
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 24 kDa , observed, 28 kDa
Storage Buffer	Supplied 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)

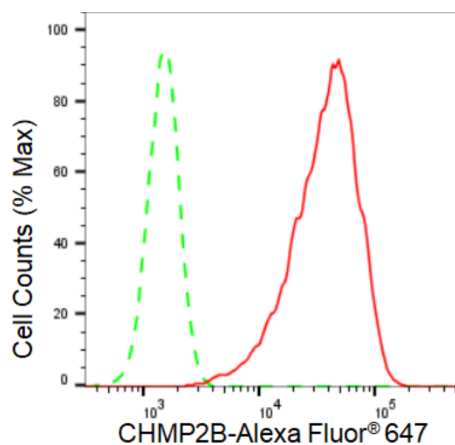
Gene Name	CHMP2B
About Gene Symbol	CHMP2B (Charged Multivesicular Body Protein 2B) is an epigenetic and nuclear regulatory protein involved in chromatin remodeling and epigenetics. It is an important research target in epigenetic regulation, chromatin biology, and cancer research and is widely studied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



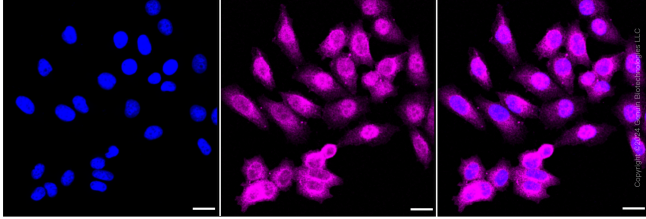
Western blotting analysis using anti-CHMP2B antibody (Cat#ABG1146). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CHMP2B antibody (Cat#ABG1146, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-CHMP2B antibody (Cat#ABG1146). CHMP2B expression in wild type (WT) and CHMP2B shRNA knockdown (KD) HeLa cells with 30 μ g 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.



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



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 μ m.