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KD-Validated Anti-CHMP5 Mouse Monoclonal Antibody

Mouse monoclonal antibody

ABG2018

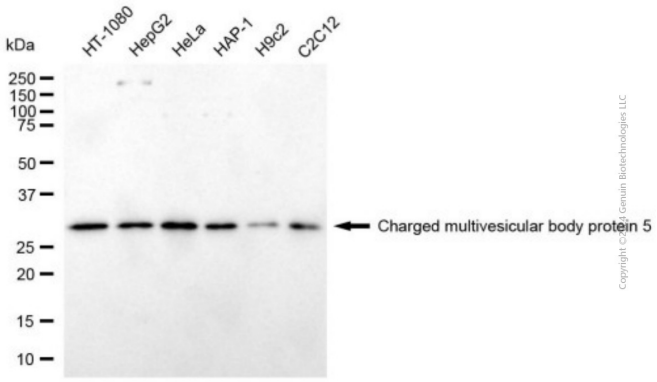
Product Overview

Name	KD-Validated Anti-CHMP5 Mouse Monoclonal Antibody
Accession(Primary)	Q9NZZ3
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Immunogen	Recombinant protein of human CHMP5
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 25 kDa, observed, 30 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:200-1:1,000 Flow Cytometry (FCM): 1:1,000

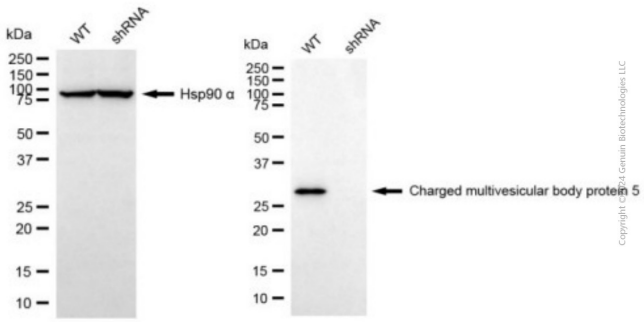
Target information (Q9NZZ3)

Gene Name	CHMP5
About Gene Symbol	CHMP5 (Charged Multivesicular Body Protein 5) is an epigenetic and nuclear regulatory protein involved in chromatin remodeling and epigenetics and apoptosis. 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.

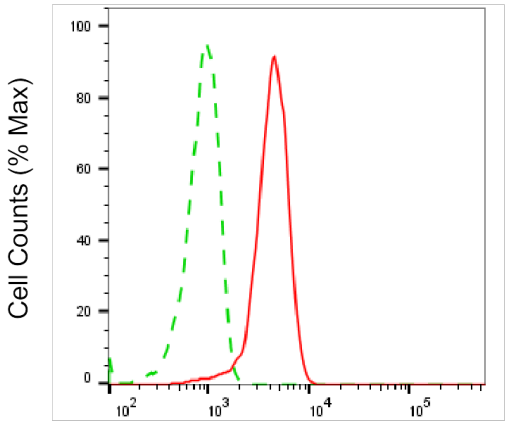
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Western blotting analysis using anti-charged multivesicular body protein 5 antibody (Cat#ABG2018). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-charged multivesicular body protein 5 antibody (Cat#ABG2018, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Western blotting analysis using anti-charged multivesicular body protein 5 antibody (Cat#ABG2018). Charged multivesicular body protein 5 expression in wild-type (WT) and charged multivesicular body protein 5 (CHMP5) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-charged multivesicular body protein 5 antibody (Cat#ABG2018, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Flow cytometric analysis of Charged multivesicular body protein 5 expression in HepG2 cells using anti-Charged multivesicular body protein 5 antibody (Cat#ABG2018, 1:1,000). Green, isotype control; red, Charged multivesicular body protein 5.