9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-Major Vault Protein Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1607

Product Overview

Name	KD-Validated Anti-Major Vault Protein Rabbit Monoclonal Antibody
Accession(Primary)	Q14764
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human MVP
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 99 kDa , observed , 110 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): 1:100-1:1,000

Target information (Q14764)

Gene Name	MVP
About Gene Symbol	MVP (Major Vault Protein) is a protein kinase and signaling regulator involved in cell signaling and proliferation. 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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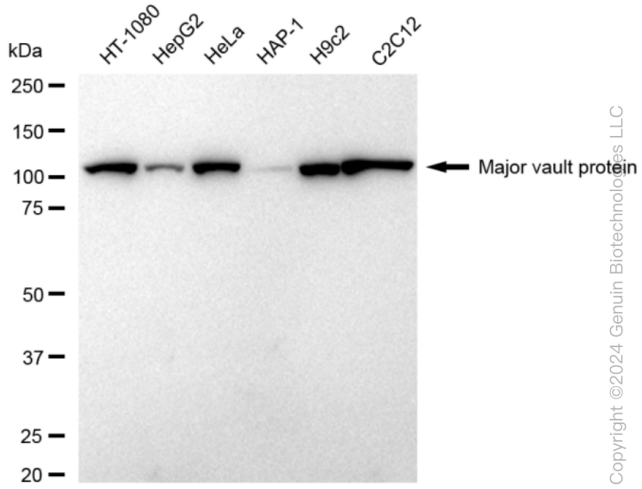

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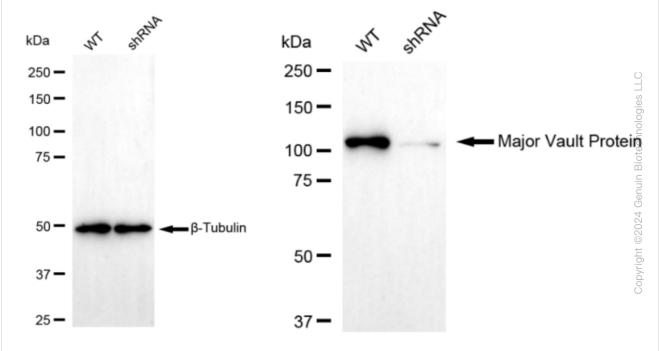
Western blotting analysis using anti-Major vault protein antibody (Cat#ABG1607). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Major vault protein antibody (Cat#ABG1607, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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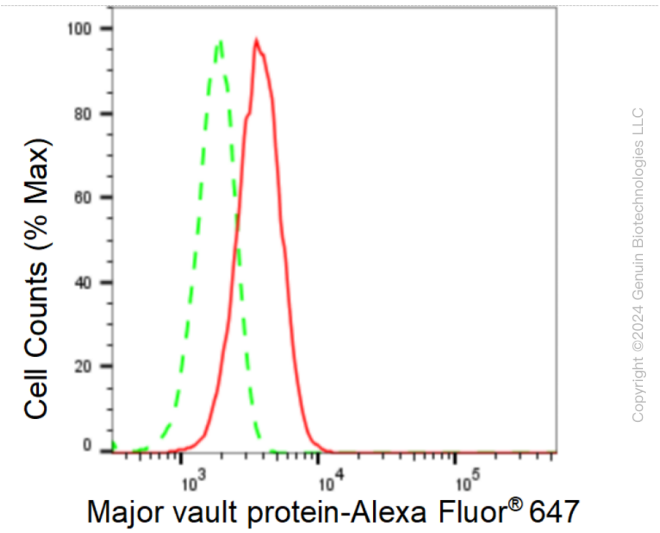
Western blotting analysis using anti-Major Vault Protein antibody (Cat#ABG1607). Major Vault Protein expression in wild type (WT) and Major Vault Protein shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Major Vault Protein antibody (Cat#ABG1607, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Major vault protein expression in HeLa cells using Major vault protein antibody (Cat#ABG1607, 1:2,000). Green, isotype control; red, Major vault protein.

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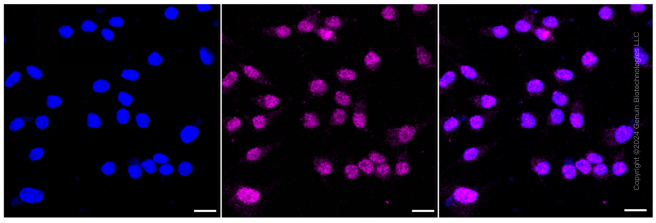

Immunocytochemical staining of HeLa cells with anti-Major vault protein antibody (Cat#ABG1607, 1:1,000). Nuclei were stained blue with DAPI; Major vault protein was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.