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

KD-Validated Anti-Flotillin 1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG2327

Product Overview

Name	KD-Validated Anti-Flotillin 1 Rabbit Monoclonal Antibody
Accession(Primary)	O75955
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Flotillin 1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 47 kDa ; Observed, 48 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:2,000-1:10,000 Immunocytochemical (IC): 1:1,000 Flow cytometry (FCM): 1:2,000

Target information (O75955)

Gene Name	FLOT1
About Gene Symbol	FLOT1 (Flotillin 1) is a membrane receptor involved in receptor-mediated signaling. It is an important research target in cell signaling, drug discovery, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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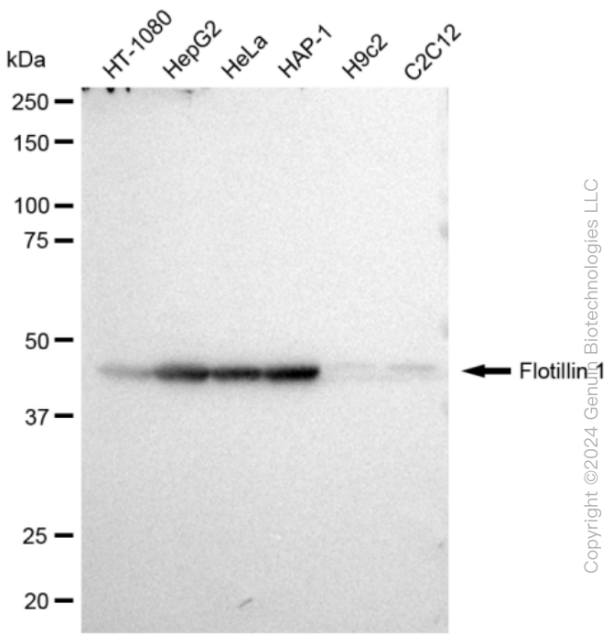

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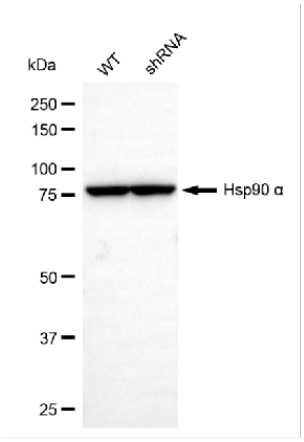
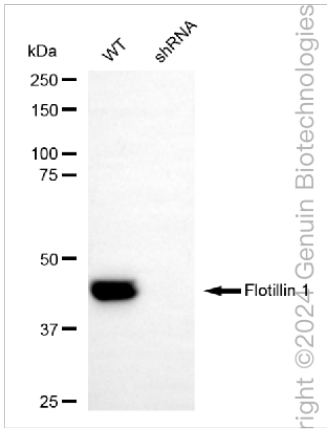
Western blotting analysis using anti-Flotillin 1 antibody (Cat#ABG2327). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Flotillin 1 antibody (Cat#ABG2327, 1:10,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.





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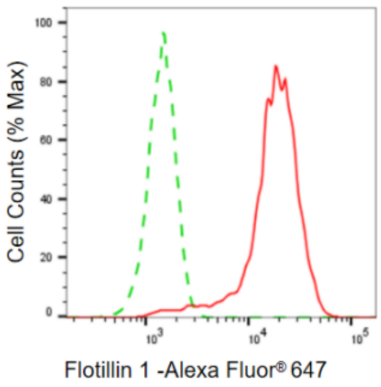
Western blotting analysis using anti-Flotillin 1 antibody (Cat#ABG2327). Flotillin 1 expression in wild type (WT) and Flotillin 1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with anti-Flotillin 1 antibody (Cat#ABG2327, 1:10,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Flotillin 1 expression in HepG2 cells using anti-Flotillin 1 antibody (Cat#ABG2327, 1:2,000). Green, isotype control; red, Flotillin 1.

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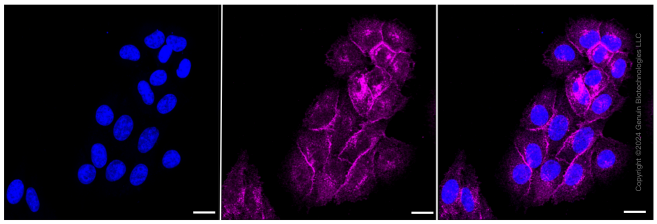

Immunocytochemical staining of HepG2 cells with Flotillin 1 antibody (Cat#ABG2327, 1:1,000). Nuclei were stained blue with DAPI; Flotillin 1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.