

Anti-Flotillin 1 Recombinant Rabbit Monoclonal Antibody



Catalog #: 4078

Aliases

FLOT1; Flotillin 1; Flotillin-1; Integral Membrane Component Of Caveolae

Background

Gene Name: FLOT1

NCBI Gene Entry: [10211](#)

UniProt Entry: [O75955](#)

Application Information

Molecular Weight: Predicted, 47 kDa; observed, 48 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB9480

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Flotillin 1

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:2,000-1:10,000

Immunocytochemistry (IC): 1:100-1:1,000

Flow Cytometry (FCM): 1:2,000

Note: This product is for research use only.

Validation Data

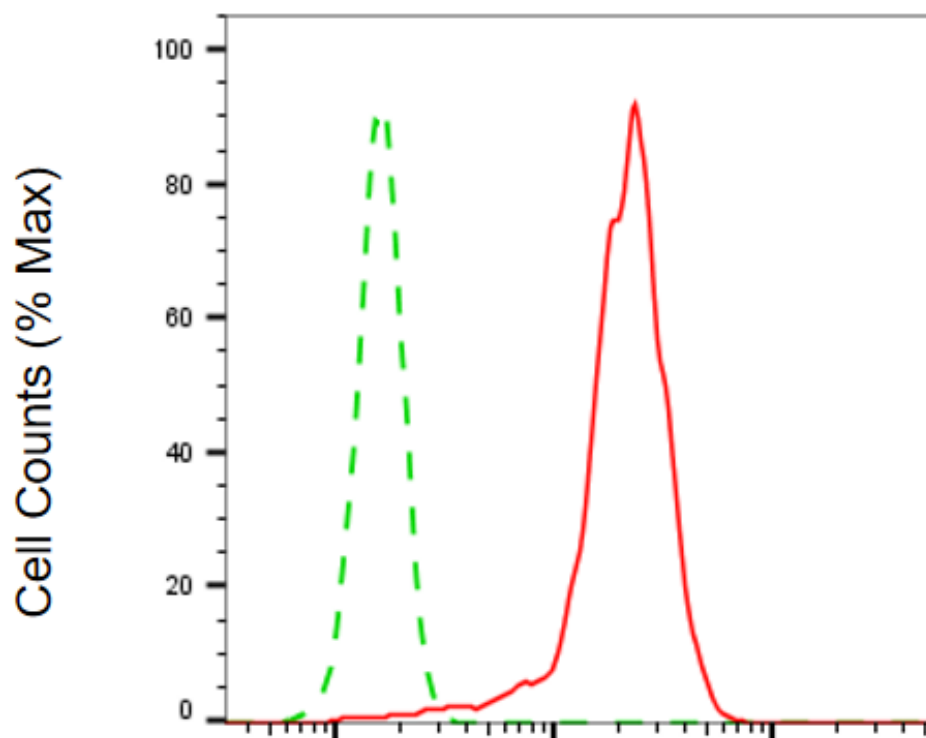
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SUPPORT@GENUINBIOTECH.COM
TEL: +1-540-855-7041

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SALES@GENUINBIOTECH.COM
FAX: +1-540-855-7041

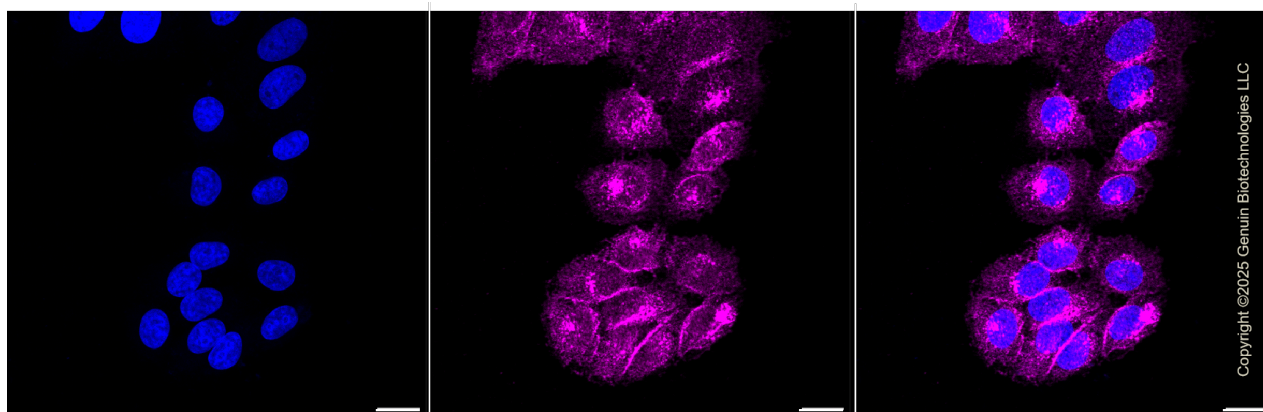
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Flotillin1-Alexa Fluor® 647

Flow cytometric analysis of Flotillin1 expression in HepG2 cells using anti-Flotillin1 antibody (Cat#4078, 1:2,000). Green, isotype control; red, Flotillin1.



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Immunocytochemical staining of HepG2 cells with anti-Flotillin 1 antibody (Cat#4078, 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.

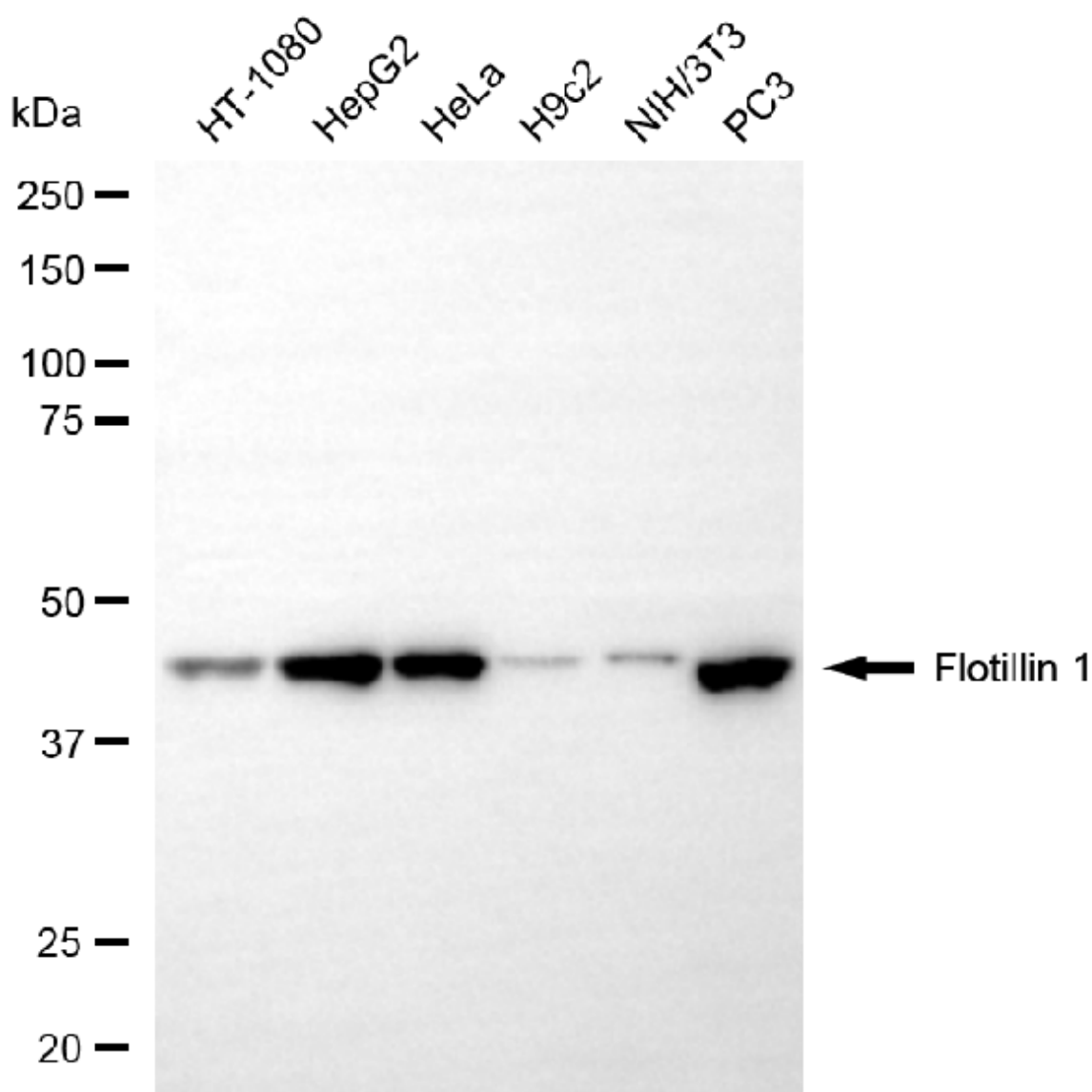
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TEL: +1-540-855-7041

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Western blotting analysis using anti-flotillin 1 antibody (Cat#4078). 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#4078, 1:10,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).