

# KD-Validated Anti-Flotillin 1 Rabbit Monoclonal Antibody

*Rabbit monoclonal antibody*

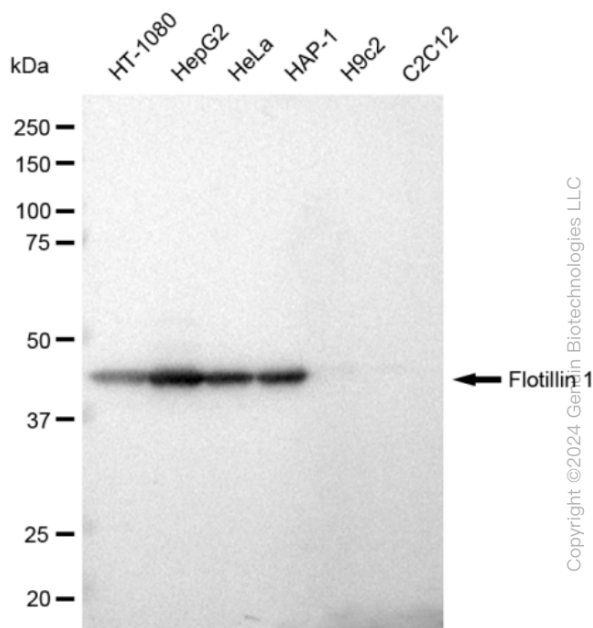
ABG2310

## Product Overview

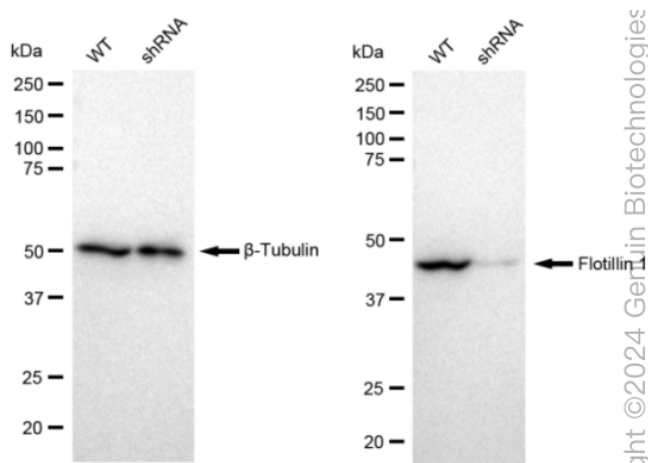
|                             |                                                                                                           |
|-----------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Name</b>       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

## Target information (O75955)

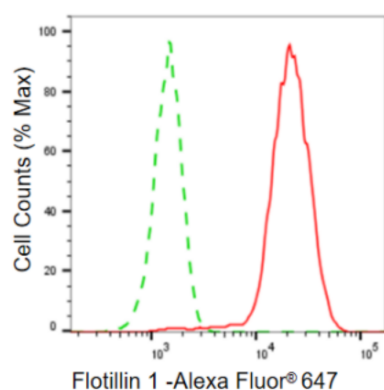
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|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | FLOT1                                                                                                                                                                                                                                                                  |
| <b>About Gene Symbol</b> | 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. |



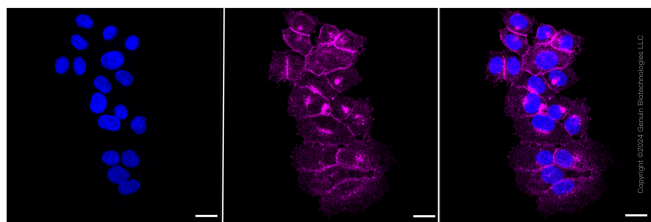
Western blotting analysis using anti-Flotillin 1 antibody (Cat#ABG2310). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Flotillin 1 antibody (Cat#ABG2310, 1:10,000) and HRP-conjugated goat anti rabbit secondary antibody respectively.



Western blotting analysis using anti-Flotillin 1 antibody (Cat#ABG2310). 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#ABG2310,1:10,000) and HRP-conjugated goat anti rabbit secondary antibody respectively.



Flow cytometric analysis of Flotillin 1 expression in HepG2 cells using anti-Flotillin 1 antibody (Cat#ABG2310,1:2,000). Green, isotype control; red, Flotillin 1.



Immunocytochemical staining of HepG2 cells with Flotillin 1 antibody (Cat#ABG2310,1:1,000). Nuclei were stained blue with DAPI; Flotillin 1 was stained magenta with Alexa Fluor® 647. Scale bar, 20  $\mu$ m.