

KD-Validated Anti-MLD Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

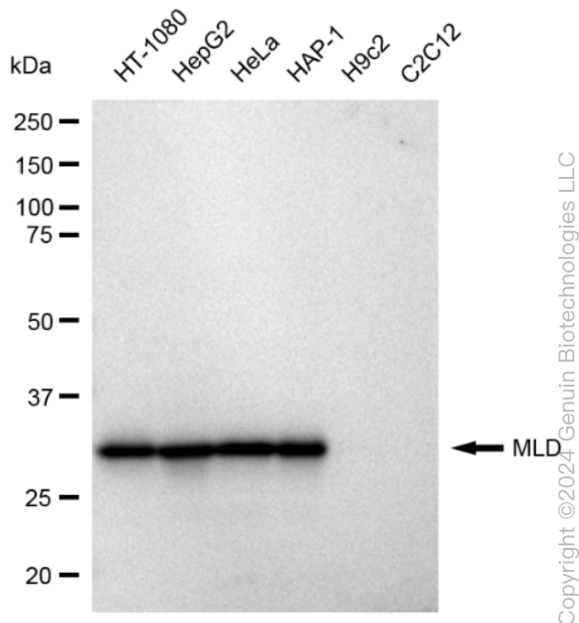
ABG1575

Product Overview

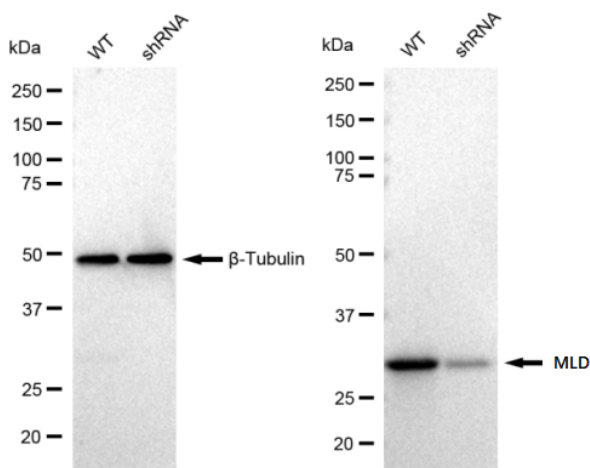
Name	KD-Validated Anti-MLD Rabbit Monoclonal Antibody
Accession(Primary)	O15121
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human MLD
Species Reactivity	Human
Calculated MW	Predicted, 38 kDa , observed, 34 kDa
Storage Buffer	Supplied in PBS (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): 1:1,000

Target information (O15121)

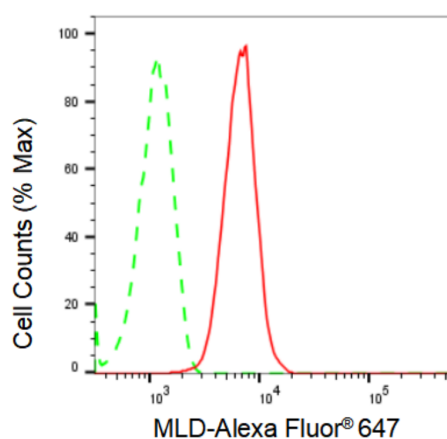
Gene Name	DEGS1
About Gene Symbol	DEGS1 (Delta 4-Desaturase, Sphingolipid 1) is a metabolic enzyme involved in cell migration and invasion. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms



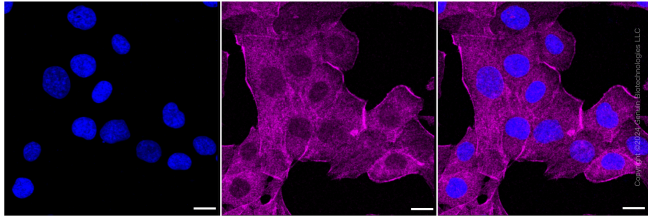
Western blotting analysis using anti-MLD antibody (Cat#ABG1575). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-MLD antibody (Cat#ABG1575, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-MLD antibody (Cat#ABG1575). MLD expression in wild type (WT) and MLD shRNA knockdown (KD) HT-1080 cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-MLD antibody (Cat#ABG1575, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of MLD expression in HepG2 cells using MLD antibody (Cat#ABG1575, 1:2,000). Green, isotype control; red, MLD.



Immunocytochemical staining of HT-1080 cells with MLD antibody (Cat#ABG1575, 1:1,000). Nuclei were stained blue with DAPI; MLD was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 μ m.