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

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

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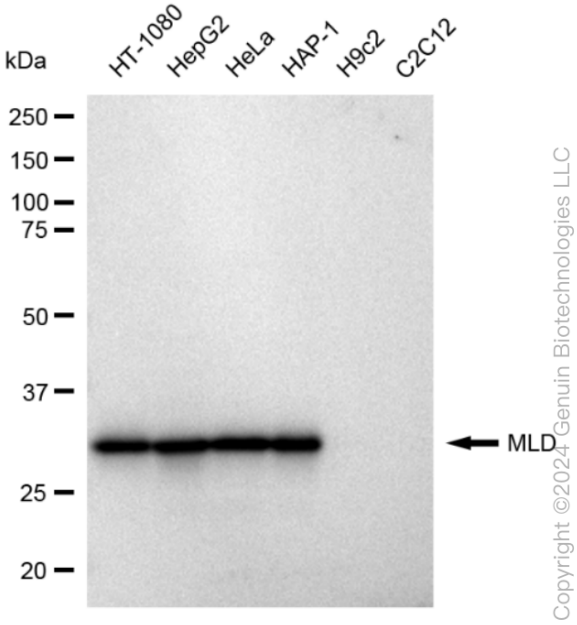

Western blotting analysis using anti-MLD antibody (Cat#ABG1575). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-MLD antibody (Cat#ABG1575, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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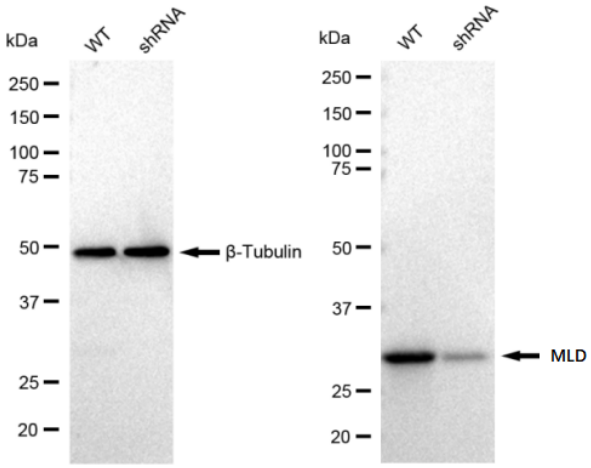

Western blotting analysis using anti-MLD antibody (Cat#ABG1575). MLD expression in wild type (WT) and MLD shRNA knockdown (KD) HT-1080 cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-MLD antibody (Cat#ABG1575, 1:5,000) and HRP-conjugated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

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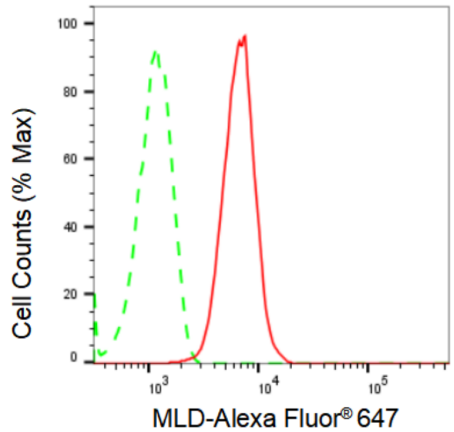

Flow cytometric analysis of MLD expression in HepG2 cells using MLD antibody (Cat#ABG1575, 1:2,000). Green, isotype control; red, MLD.

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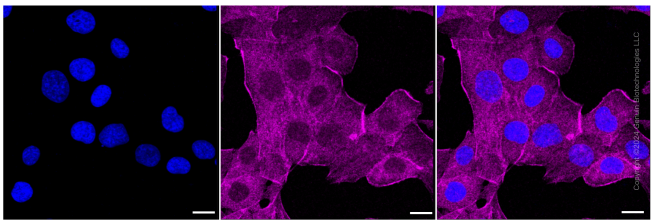

Immunocytochemical staining of HT-1080 cells with MLD antibody (Cat#ABG1575, 1:1,000). Nuclei were stained blue with DAPI; MLD was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 µm.