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

KD-Validated Anti-Methylmalonyl-CoA mutase Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1454

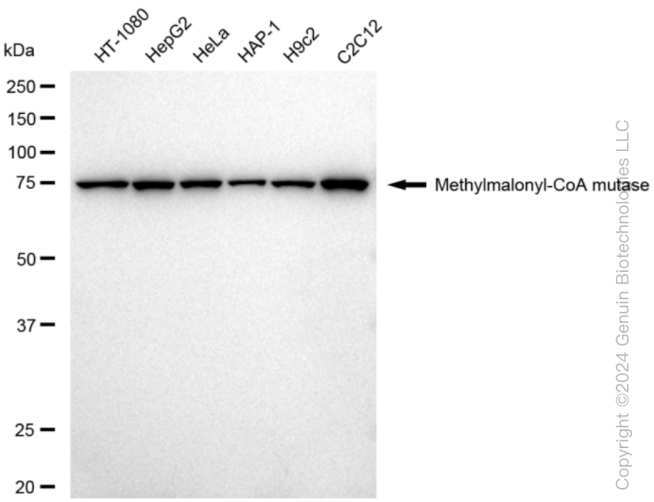
Product Overview

Name	KD-Validated Anti-Methylmalonyl-CoA mutase Rabbit Monoclonal Antibody
Accession(Primary)	P22033
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human MMUT
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 83 kDa, observed, 78 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 (P22033)

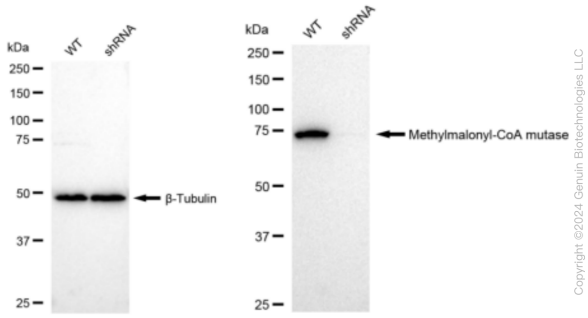
Gene Name	MMUT
About Gene Symbol	MMUT (Methylmalonyl-CoA Mutase) is a metabolic enzyme involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify thera

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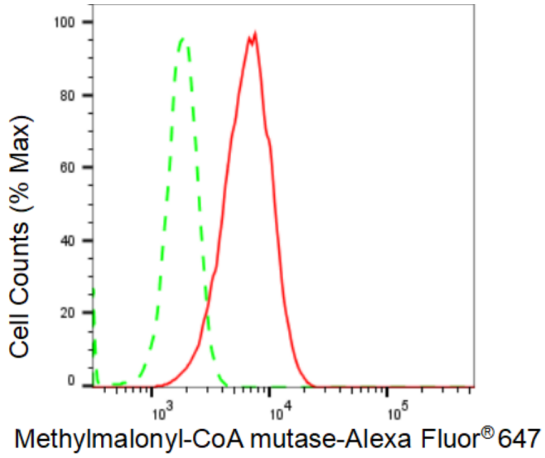
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Western blotting analysis using anti-Methylmalonyl-CoA mutase antibody (Cat#ABG1454). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Methylmalonyl-CoA mutase antibody (Cat#ABG1454, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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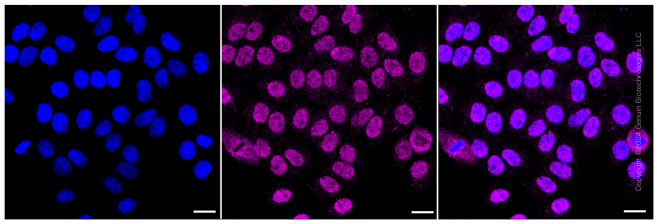
Western blotting analysis using anti-Methylmalonyl-CoA mutase antibody (Cat#ABG1454). Methylmalonyl-CoA mutase expression in wild type (WT) and Methylmalonyl-CoA mutase shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Methylmalonyl-CoA mutase antibody (Cat#ABG1454, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Methylmalonyl-CoA mutase expression in HepG2 cells using Methylmalonyl-CoA mutase antibody (Cat#ABG1454, 1:2,000). Green, isotype control; red, Methylmalonyl-CoA mutase.

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Immunocytochemical staining of HepG2 cells with Methylmalonyl-CoA mutase antibody (Cat#ABG1454, 1:1,000). Nuclei were stained blue with DAPI; Methylmalonyl-CoA mutase was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Very Low. Scale bar: 20 µm.