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

KD-Validated Anti-ACADVL Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1225

Product Overview

Name	KD-Validated Anti-ACADVL Rabbit Monoclonal Antibody
Accession(Primary)	P49748
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human ACADVL/VLCAD
Species Reactivity	Human
Calculated MW	Predicted, 70 kDa , observed, 65 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 (P49748)

Gene Name	ACADVL
About Gene Symbol	ACADVL (Acyl-CoA Dehydrogenase Very Long Chain) is a metabolic dehydrogenase 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 therapeutic targets.

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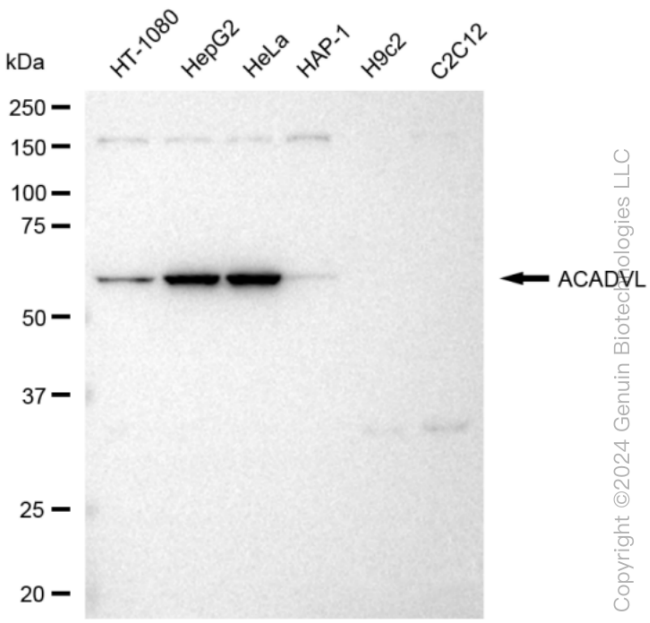

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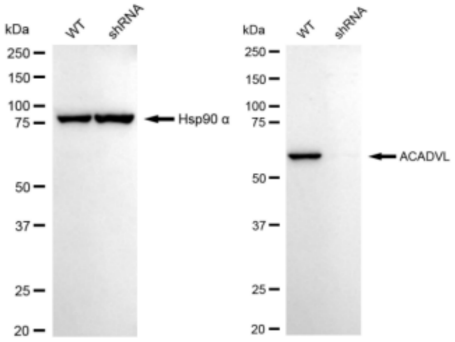
Western blotting analysis using anti-ACADVL antibody (Cat#ABG1225). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ACADVL antibody (Cat#ABG1225, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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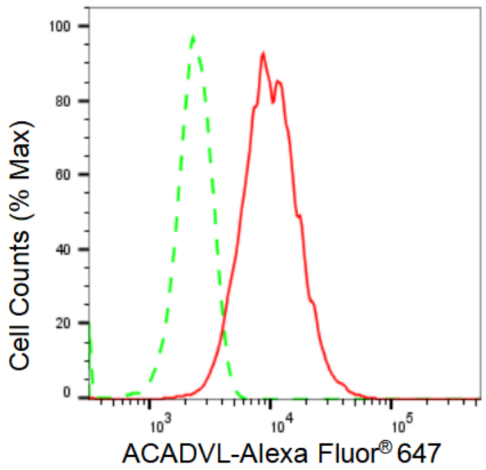
Western blotting analysis using anti-ACADVL antibody (Cat#ABG1225). ACADVL expression in wild type (WT) and ACADVL shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-ACADVL antibody (Cat#ABG1225, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of ACADVL expression in HepG2 cells using ACADVL antibody (Cat#ABG1225, 1:2,000). Green, isotype control; red, ACADVL.

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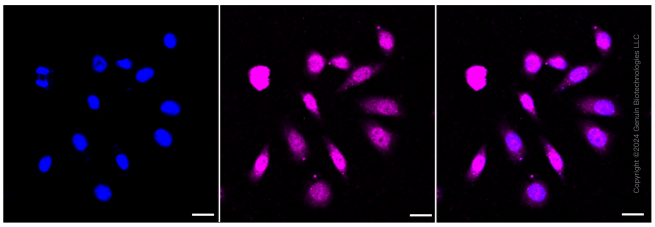

Immunocytochemical staining of HepG2 cells with ACADVL antibody (Cat#ABG1225, 1:1,000). Nuclei were stained blue with DAPI; ACADVL was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.