

Catalog #: 2917

Aliases

ACADM; Acyl-CoA Dehydrogenase Medium Chain; MCADH; MCAD; ACAD1; Medium-Chain Specific Acyl-CoA Dehydrogenase, Mitochondrial; Acyl-Coenzyme A Dehydrogenase, C-4 To C-12 Straight Chain; Medium-Chain Acyl-CoA Dehydrogenase; Acyl-CoA Dehydrogenase, C-4 To C-12 Straight Chain; Medium Chain Acyl-CoA Dehydrogenase; Testicular Tissue Protein Li 7; EC 1.3.99.3; EC 1.3.8.7; EC 1.3.99

Background

Gene Name: ACADM

NCBI Gene Entry: [34](#)

UniProt Entry: [P11310](#)

Application Information

Molecular Weight: Predicted, 47 kDa; observed, 46 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB3160

Species Reactivity: Human, mouse

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human ACADM

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

SUPPORT

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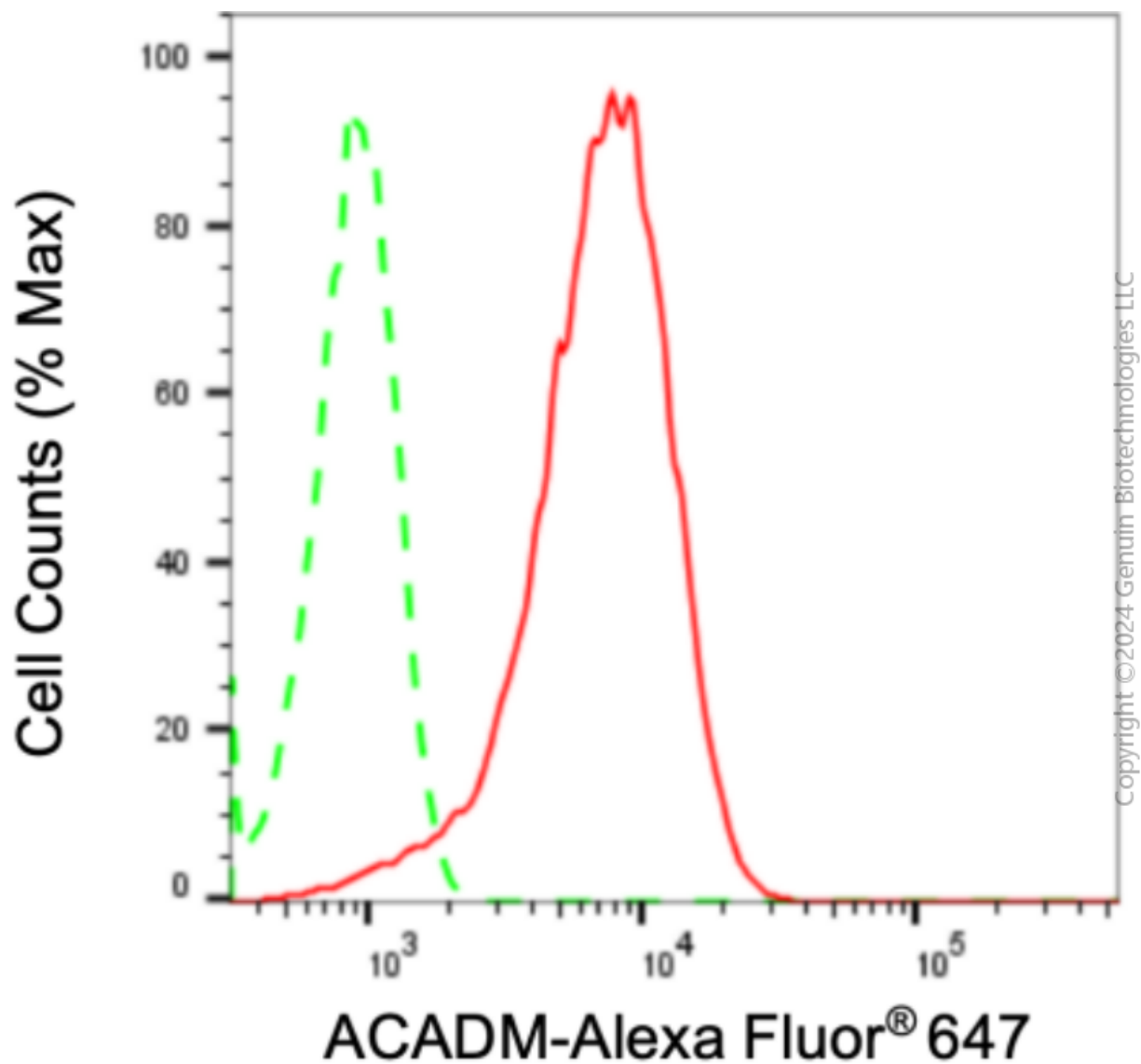
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Anti-ACADM Recombinant Rabbit Monoclonal Antibody

PAGE 2

Note: This product is for research use only.

Validation Data



Flow cytometric analysis of ACADM expression in HepG2 cells using anti-ACADM antibody (Cat#2917, 1:2,000). Green, isotype control; red, ACADM.

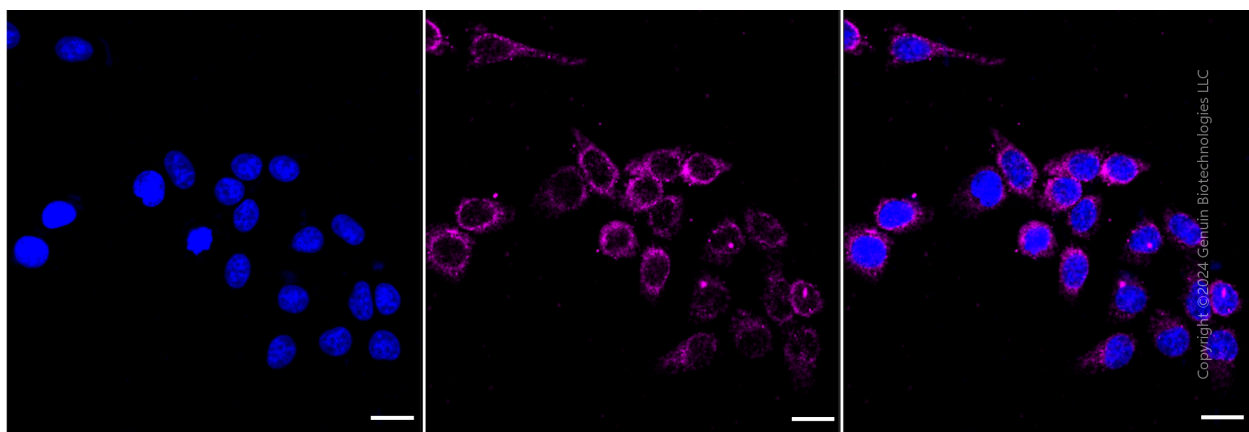
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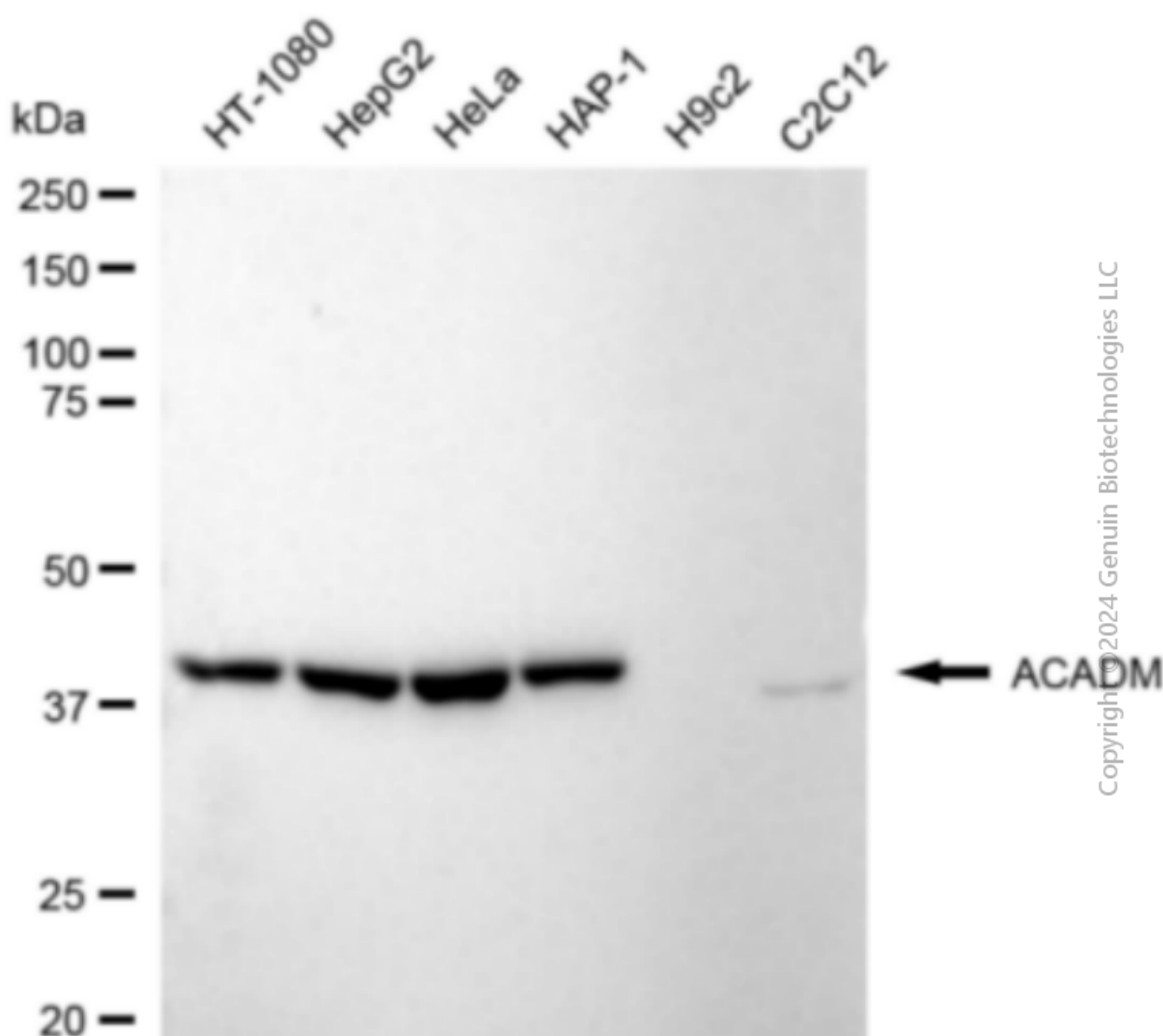
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Immunocytochemical staining of HepG2 cells with anti-ACADM alpha (Ser51) antibody (Cat#2917, 1:1,000). Nuclei were stained blue with DAPI; ACADM was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μ m.



Western blotting analysis using anti-ACADM antibody (Cat#2917). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ACADM antibody (Cat#2917, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).