

Catalog #: 5642

Aliases

FADS1; Fatty Acid Desaturase 1; FADSD5; D5D; Acyl-CoA (8-3)-Desaturase; FADS6; TU12; Delta(5) Desaturase; Delta-5 Desaturase; LLCDL1; Linoleoyl-CoA Desaturase (Delta-6-Desaturase)-Like 1; Delta(5) Fatty Acid Desaturase; Delta-5 Fatty Acid Desaturase; EC 1.14.19.44; EC 1.14.19

Background

Gene Name: FADS1

NCBI Gene Entry: [3992](#)

UniProt Entry: [O60427](#)

Application Information

Molecular Weight: Predicted, 52 kDa; observed, 52 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 25GB4660

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human FADS1

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

Note: This product is for research use only.

Validation Data

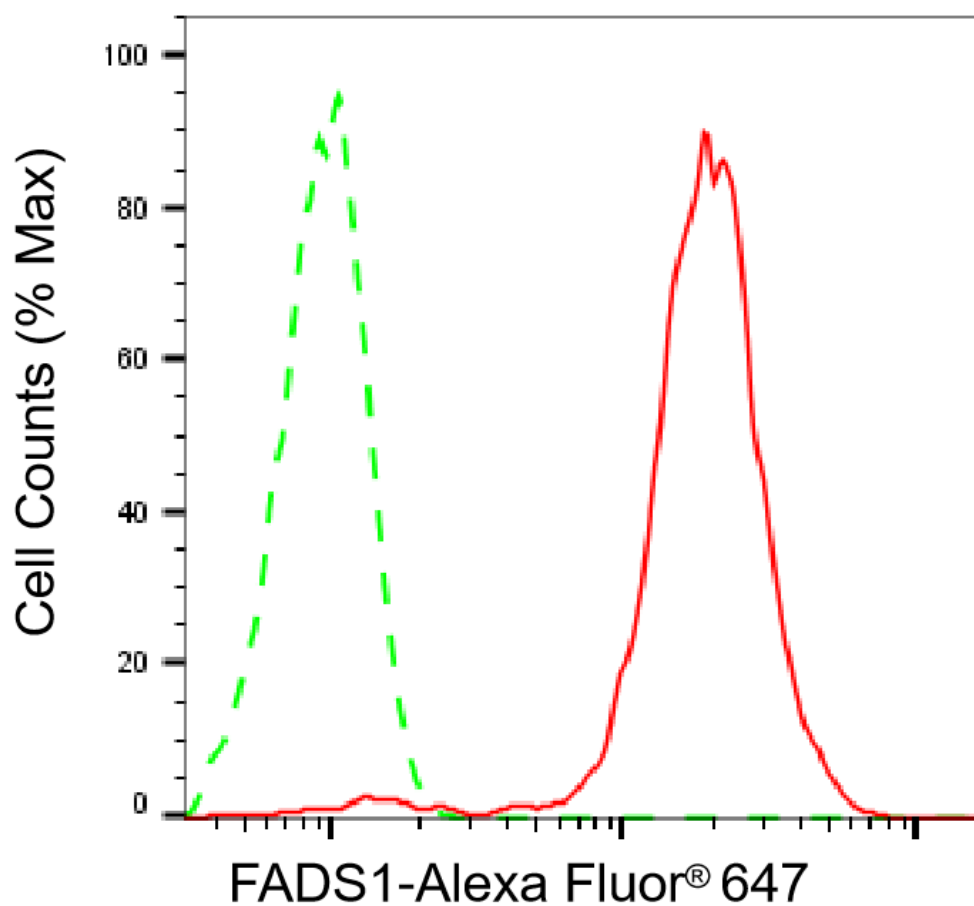
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SUPPORT@GENUINBIOTECH.COM
TEL: +1-540-855-7041

ORDERS

SALES@GENUINBIOTECH.COM
FAX: +1-540-855-7041

WWW.GENUINBIOTECH.COM



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Flow cytometric analysis of FADS1 expression in HepG2 cells using anti-FADS1 antibody (Cat#5642, 1:2,000). Green, isotype control; red, FADS1.

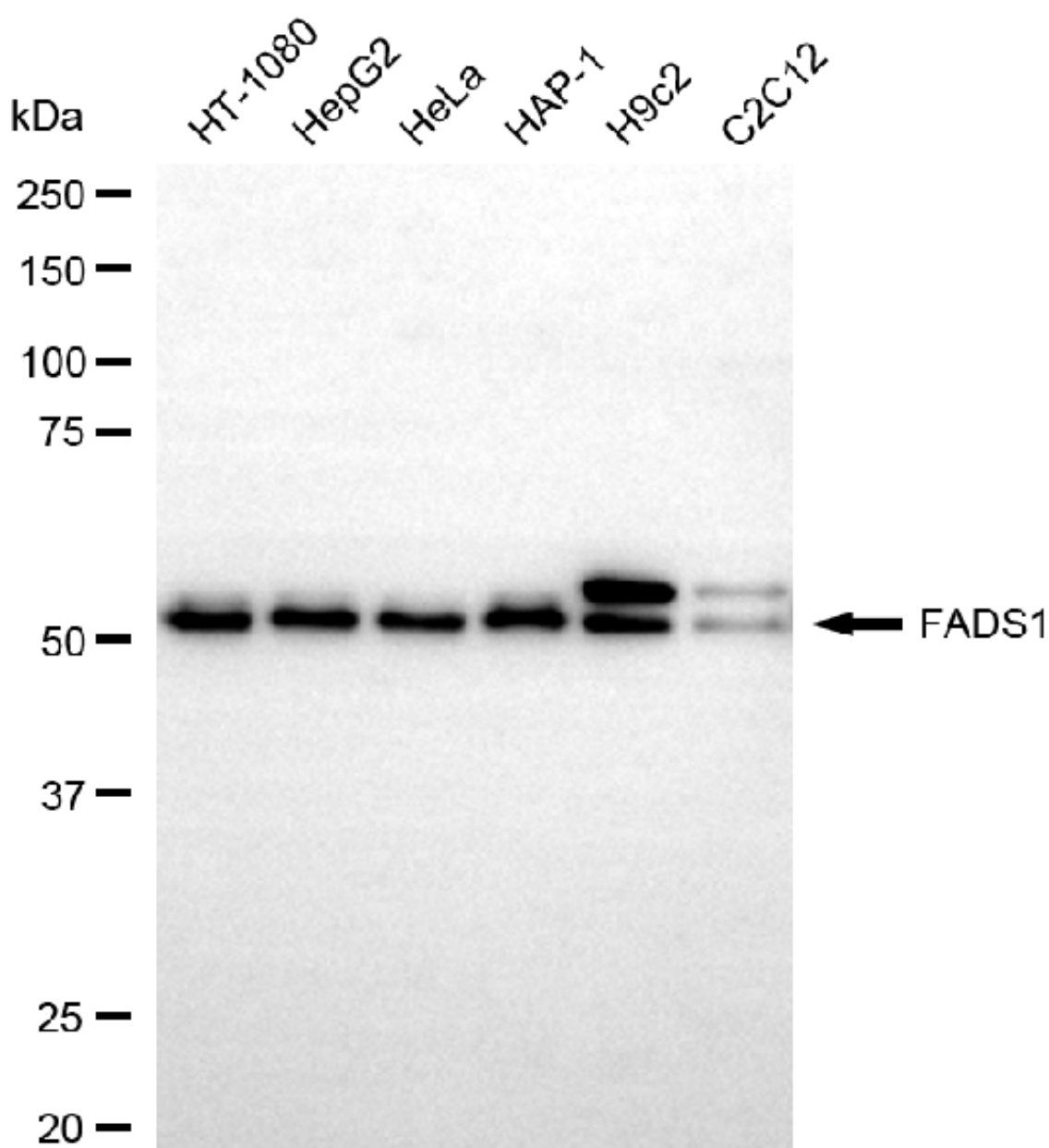
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Western blotting analysis using anti-FADS1 antibody (Cat#5642). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-FADS1 antibody (Cat#5642, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

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