

KD-Validated Anti-Fatty acid synthase Recombinant Rabbit Monoclonal Antibody



Catalog #: 61976

Aliases

FASN; Fatty Acid Synthase; FAS; SDR27X1; Short Chain Dehydrogenase/Reductase Family 27X, Member 1; 3-Hydroxyacyl-[Acyl-Carrier-Protein] Dehydratase; [Acyl-Carrier-Protein] S-Malonyltransferase; [Acyl-Carrier-Protein] S-Acetyltransferase; 3-Oxoacyl-[Acyl-Carrier-Protein] Reductase; 3-Oxoacyl-[Acyl-Carrier-Protein] Synthase; Enoyl-[Acyl-Carrier-Protein] Reductase; Acyl-[Acyl-Carrier-Protein] Hydrolase; Type I Fatty Acid Synthase; EC 2.3.1.85; EC 6.3.3.1; EC 2.3.1; OA-519

Background

Gene Name: FASN

NCBI Gene Entry: [2194](#)

UniProt Entry: [P49327](#)

Application Information

Molecular Weight: Predicted, 273 kDa, observed, 273 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB5380

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human FASN

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

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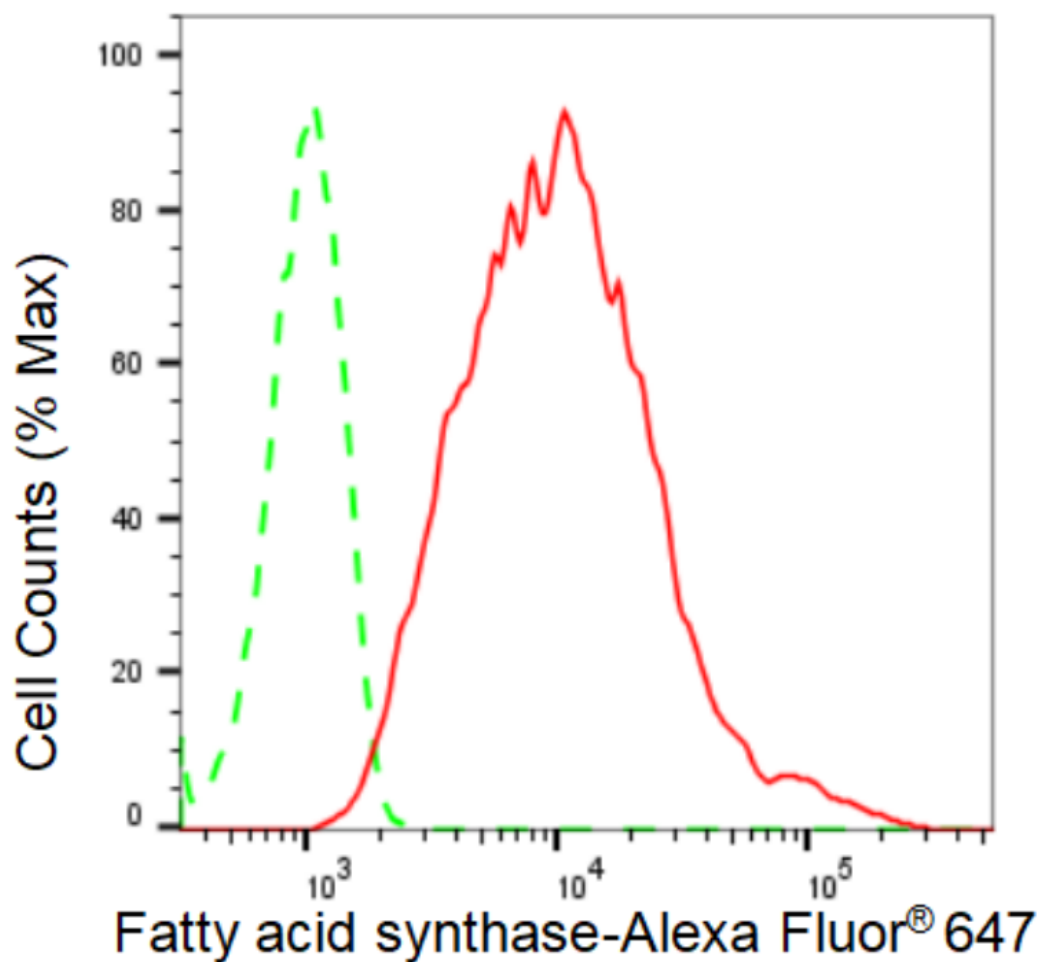
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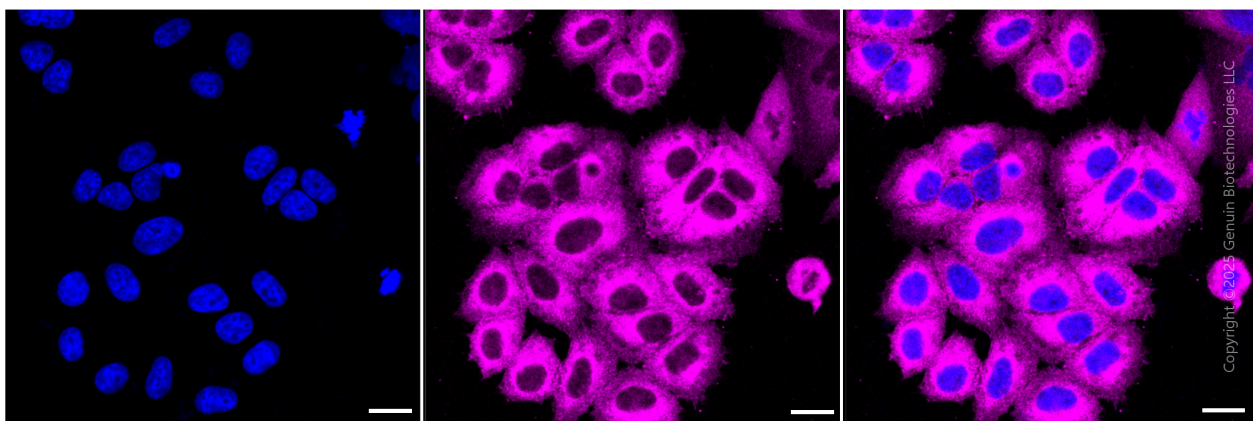
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Validation Data



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Flow cytometric analysis of Fatty acid synthase expression in HepG2 cells using Fatty acid synthase antibody (Cat#61976, 1:2,000). Green, isotype control; red, Fatty acid synthase.



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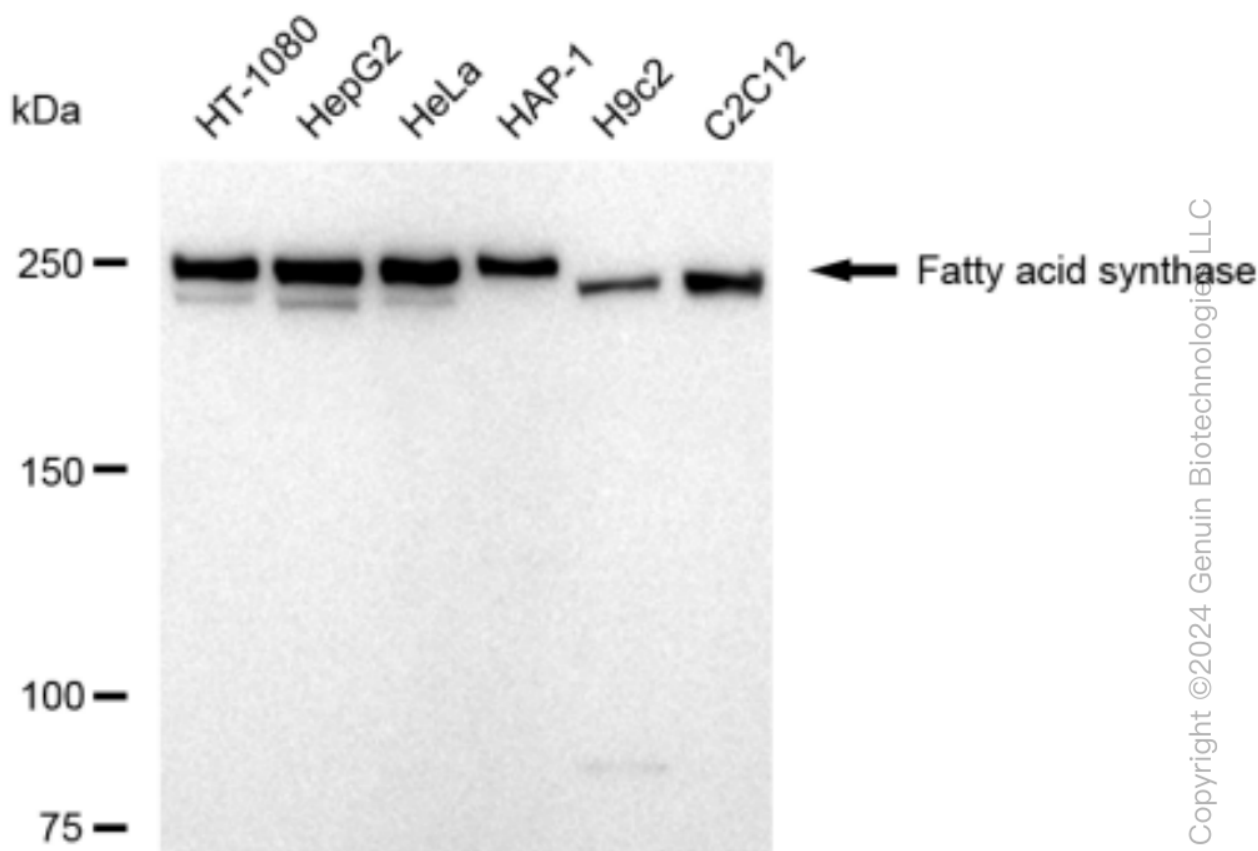
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Immunocytochemical staining of HepG2 cells with anti-Fatty acid synthase antibody (Cat#61976, 1:1,000). Nuclei were stained blue with DAPI; Fatty acid synthase was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 μ m.



Western blotting analysis using anti-Fatty acid synthase antibody (Cat#61976). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Fatty acid synthase antibody (Cat#61976, 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).

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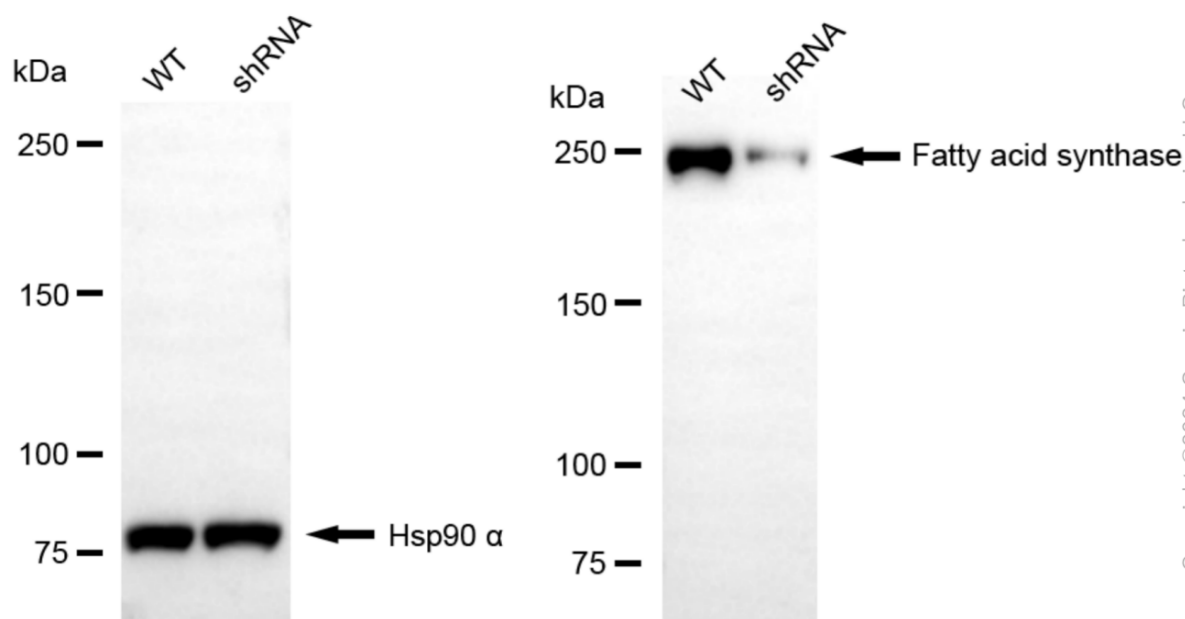
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Western blotting analysis using anti-Fatty acid synthase antibody (Cat#61976). Fatty acid synthase expression in wild type (WT) and Fatty acid synthase shRNA knockdown (KD) HeLa cells with 30 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-Fatty acid synthase antibody (Cat#61976, 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).

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