

KD-Validated Anti-Farnesyl diphosphate synthase Recombinant Rabbit Monoclonal



Catalog #: 62267

Aliases

FDPS; Farnesyl Diphosphate Synthase; Farnesyl Pyrophosphate Synthetase, Dimethylallyltranstransferase, Geranyltranstransferase; (2E,6E)-Farnesyl Diphosphate Synthase; Farnesyl Pyrophosphate Synthase; FPP Synthase; FPS; Dimethylallyltranstransferase; Geranyltranstransferase; FPP Synthetase; EC 2.5.1.10; EC 2.5.1.1; KIAA1293; POROK9; FPPS

Background

Gene Name: FDPS

NCBI Gene Entry: [2224](#)

UniProt Entry: [P14324](#)

Application Information

Molecular Weight: Predicted, 48 kDa, observed, 36 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB1395

Species Reactivity: Human

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

Immunogen

A synthesized peptide derived from human FDPS

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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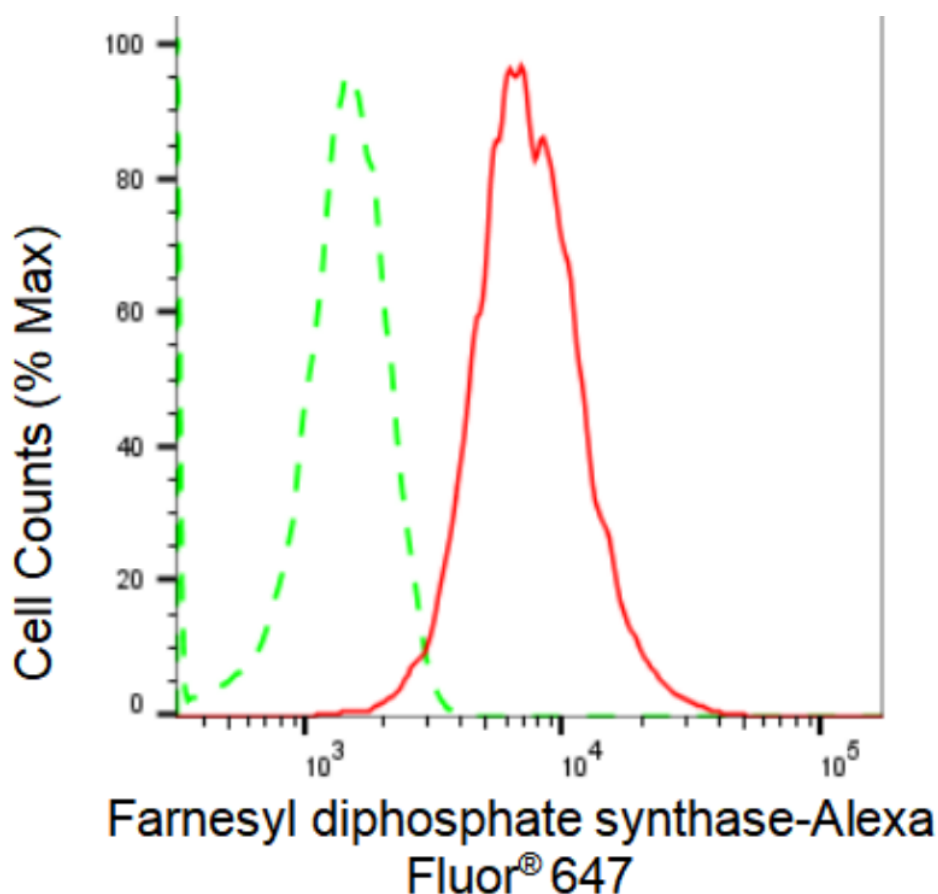
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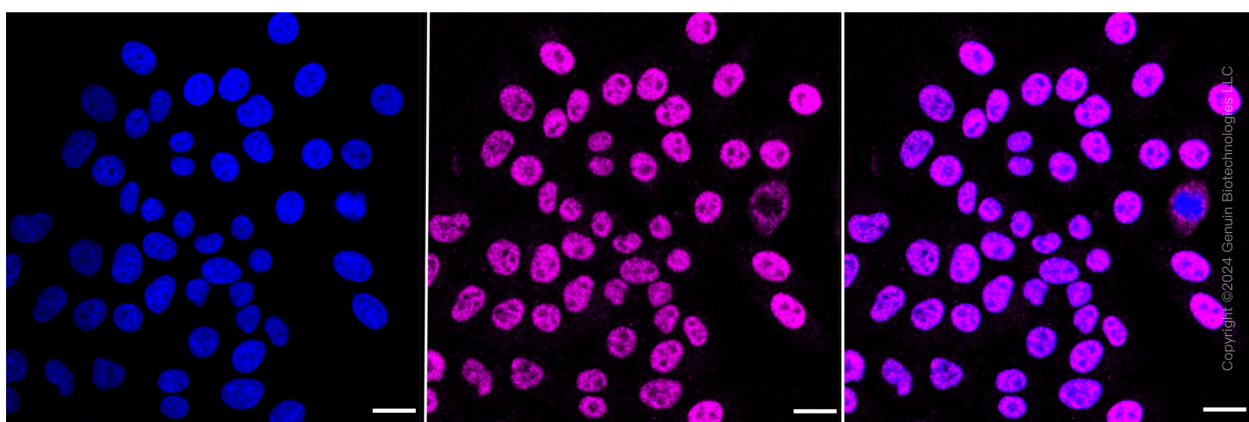
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Validation Data



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Flow cytometric analysis of Farnesyl diphosphate synthase expression in HepG2 cells using Farnesyl diphosphate synthase antibody (Cat#62267, 1:2,000). Green, isotype control; red, Farnesyl diphosphate synthase.



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Immunocytochemical staining of HepG2 cells with Farnesyl diphosphate synthase antibody (Cat#62267, 1:1,000). Nuclei were stained blue with DAPI; Farnesyl diphosphate synthase was

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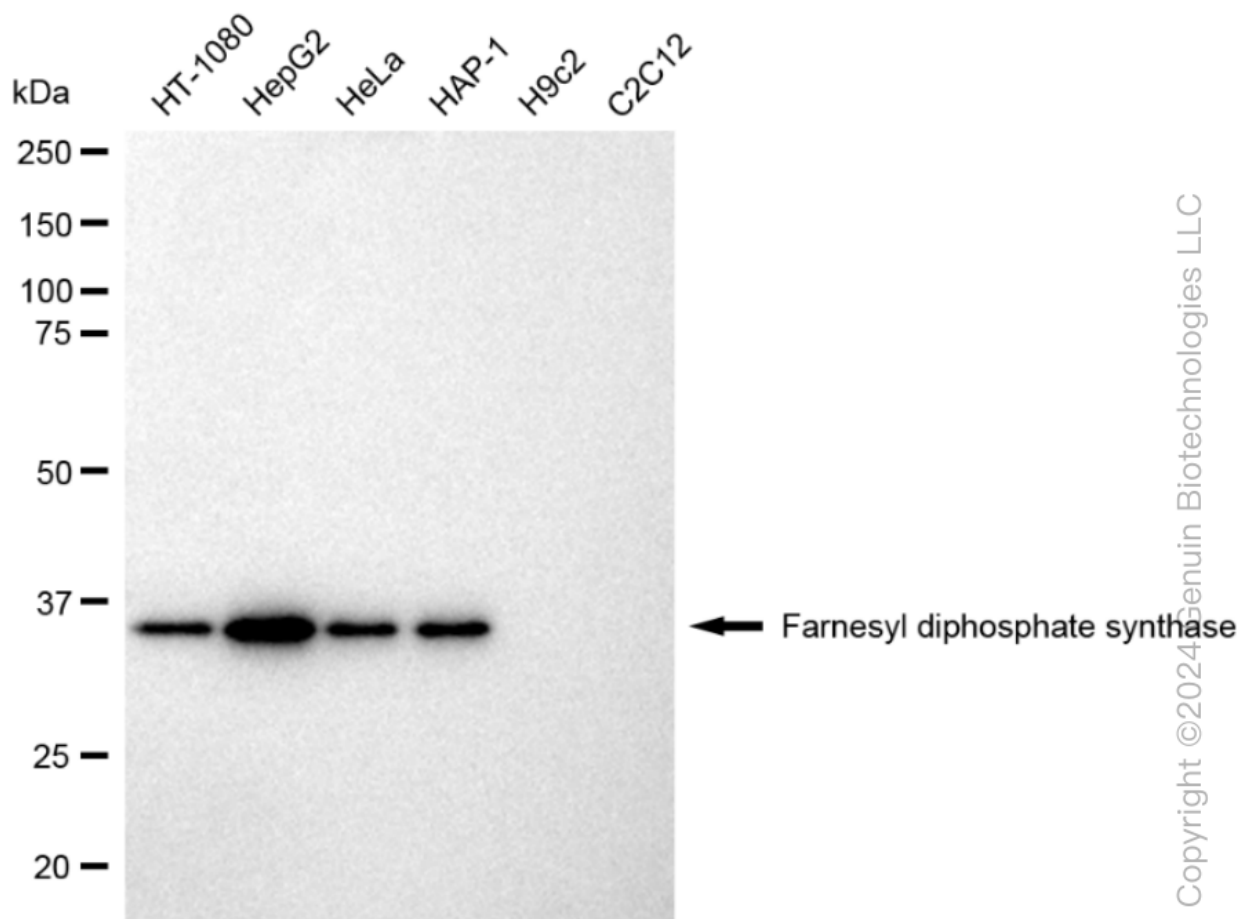
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stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.



Western blotting analysis using anti-Farnesyl diphosphate synthase antibody (Cat#62267). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Farnesyl diphosphate synthase antibody (Cat#62267, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:50,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

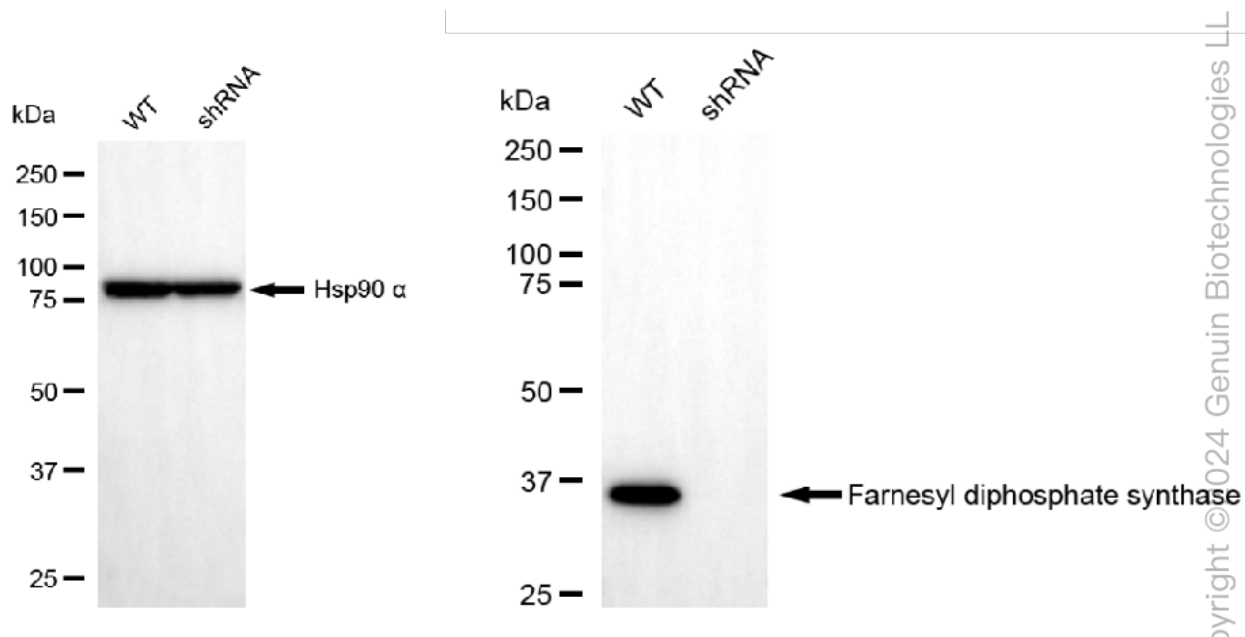
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Western blotting analysis using anti-Farnesyl diphosphate synthase antibody (Cat#62267). Farnesyl diphosphate synthase expression in wild type (WT) and farnesyl diphosphate synthase shRNA knockdown (KD) HeLa cells with 30 μ g of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with anti-Farnesyl diphosphate synthase antibody (Cat#62267, 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).