

KD-Validated Anti-FNTA Rabbit Monoclonal Antibody



Catalog #: 65573

Aliases

FNTA; Farnesyltransferase, CAAX Box, Subunit Alpha; Protein Farnesyltransferase/ Geranylgeranyltransferase Type-1 Subunit Alpha; PGGT1A; PTAR2; FPTA; Protein Prenyltransferase Alpha Subunit Repeat Containing 2; Ras Proteins Prenyltransferase Subunit Alpha; Farnesyltransferase, CAAX Box, Alpha; GGTase-I-Alpha; FTase-Alpha; Type I Protein Geranyl-Geranyltransferase Alpha Subunit; Type I Protein Geranyl-Geranyltransferase Subunit Alpha; Farnesyl-Protein Transferase Alpha-Subunit; CAAX Farnesyltransferase Subunit Alpha; EC 2.5.1.58; EC 2.5.1.59

Background

Gene Name: FNTA

NCBI Gene Entry: [2339](#)

UniProt Entry: [P49354](#)

Application Information

Molecular Weight: Predicted, 44 kDa; observed, 44 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 25GB4325

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human FNTA

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

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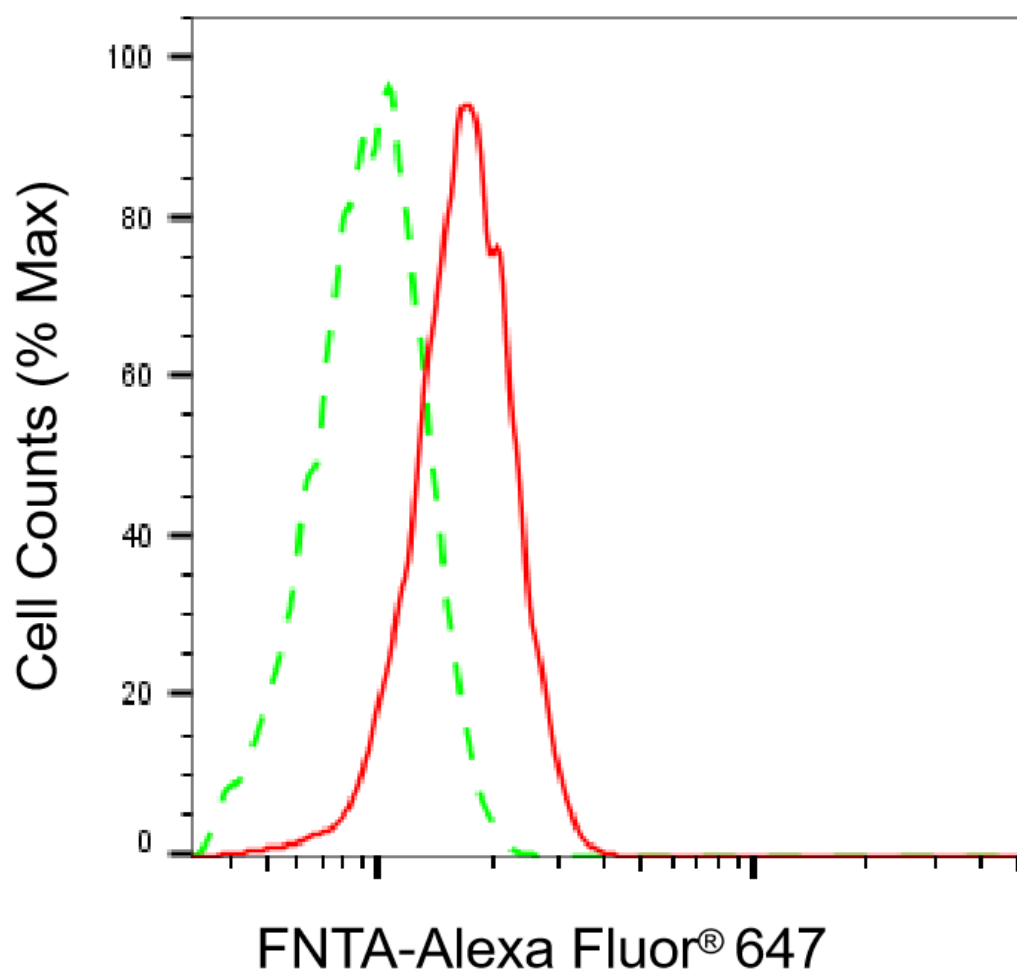
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Immunocytochemistry (IC): 1:100-1:1,000

Note: This product is for research use only.

Validation Data



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Flow cytometric analysis of FNTA expression in HepG2 cells using anti-FNTA antibody (Cat#65573, 1:2,000). Green, isotype control; red, FNTA.

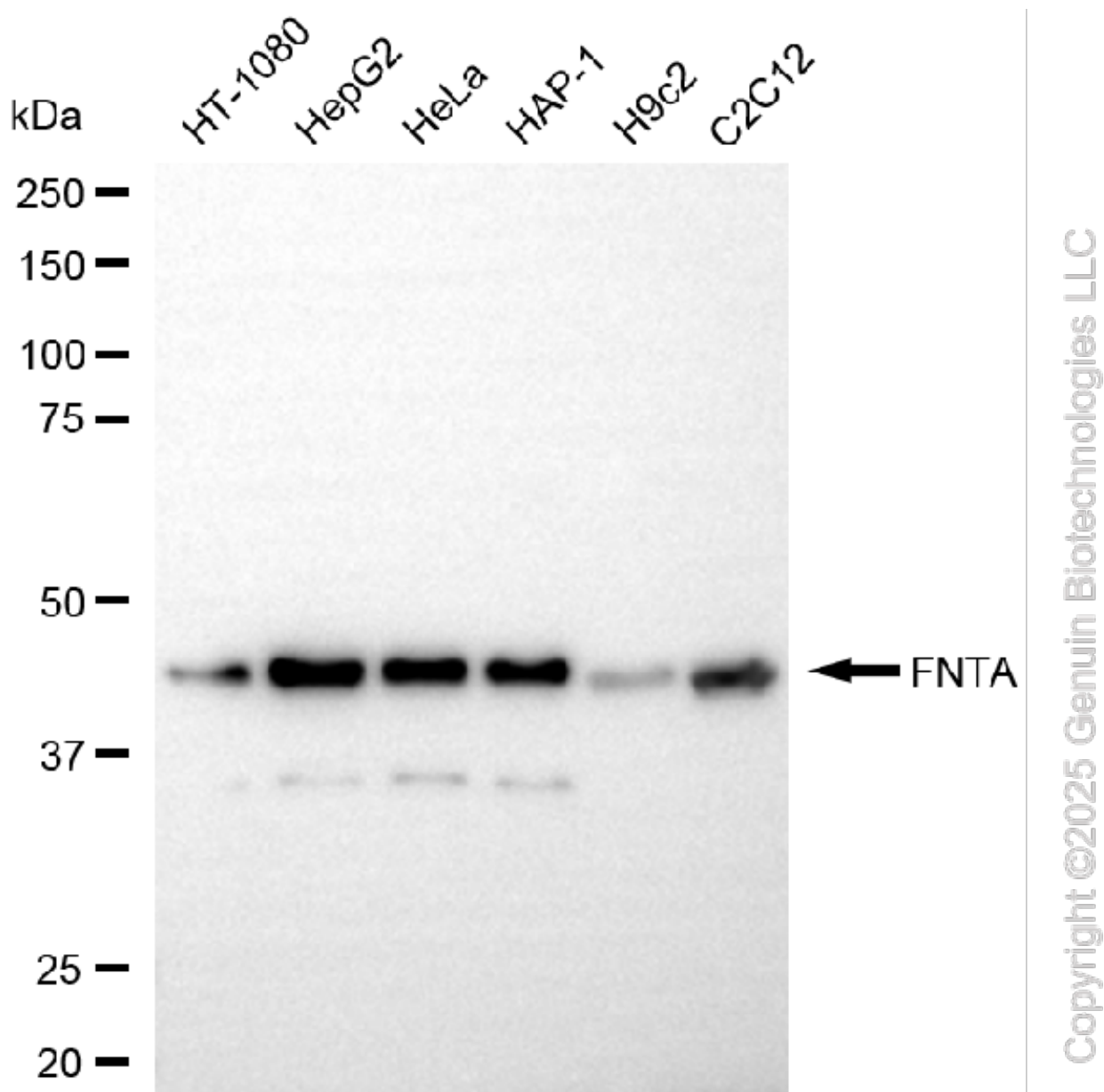
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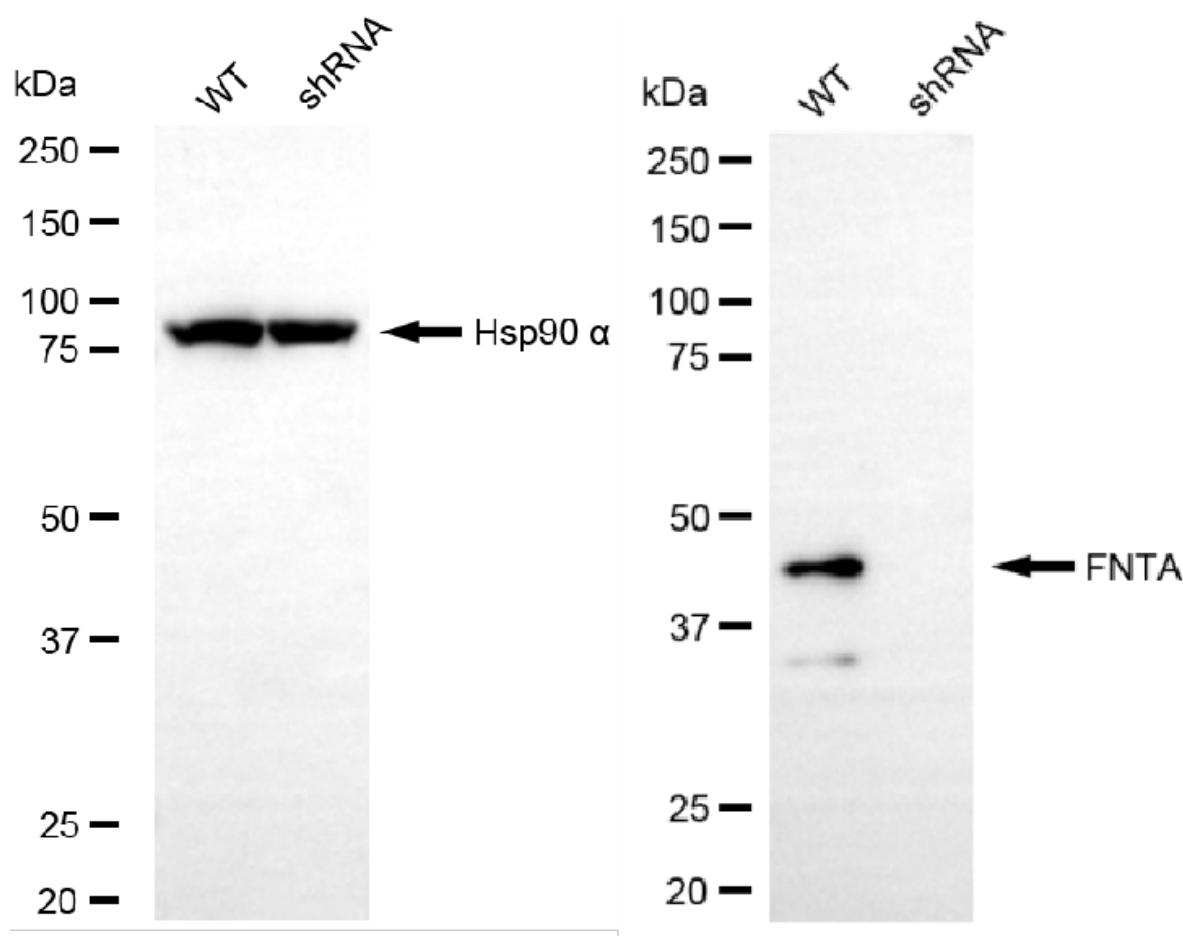
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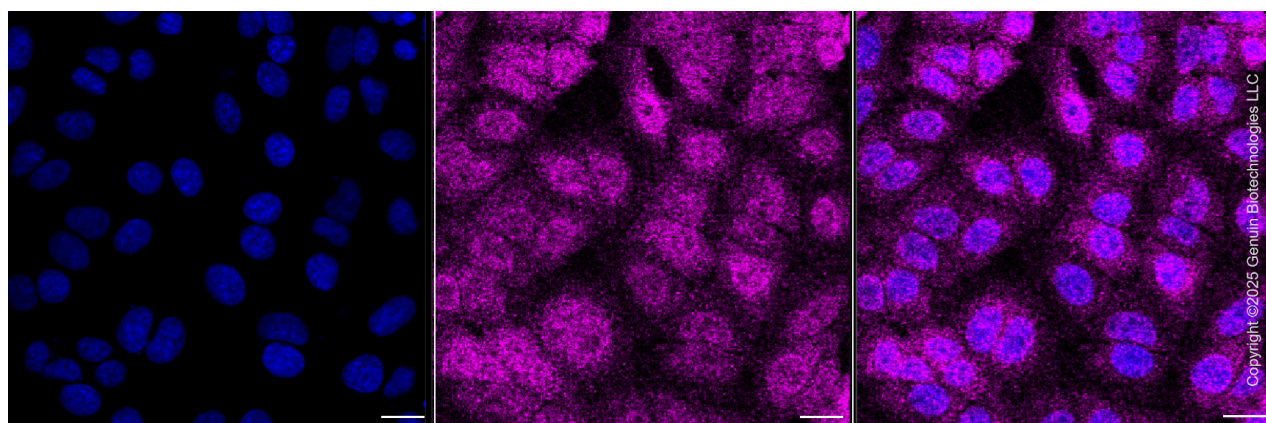


Western blotting analysis using anti-FNTA antibody (Cat#65573). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-FNTA antibody (Cat#65573, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).



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Western blotting analysis using anti-FNTA antibody (Cat#65573). FNTA expression in wild-type (WT) and FNTA shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-FNTA antibody (Cat#65573, 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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Immunocytochemical staining of HepG2 cells with anti-FNTA antibody (Cat#65573, 1:1,000) . Nuclei were stained blue with DAPI; FNTA was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain:

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Medium. Scale bar, 20 μ m.

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