

Anti-Syntaxin 4 Recombinant Rabbit Monoclonal Antibody



Catalog #: 3119

Aliases

STX4; Syntaxin 4; P35-2; STX4A; Renal Carcinoma Antigen NY-REN-31; Syntaxin 4A (Placental); Syntaxin-4

Background

Gene Name: STX4

NCBI Gene Entry: [6810](#)

UniProt Entry: [Q12846](#)

Application Information

Molecular Weight: Predicted, 34 kDa; observed, 34 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB4160

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human Syntaxin 4

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

Note: This product is for research use only.

Validation Data

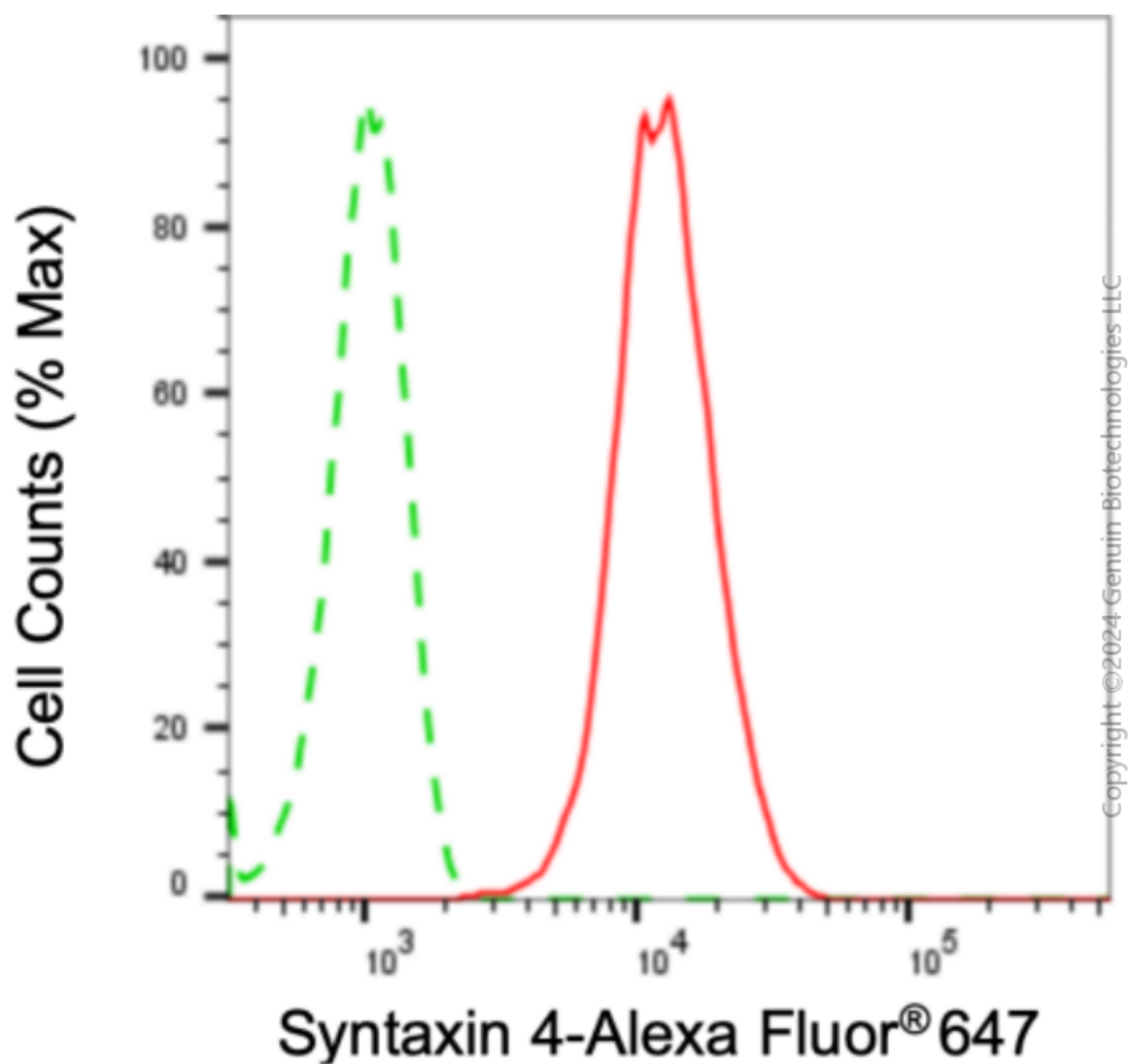
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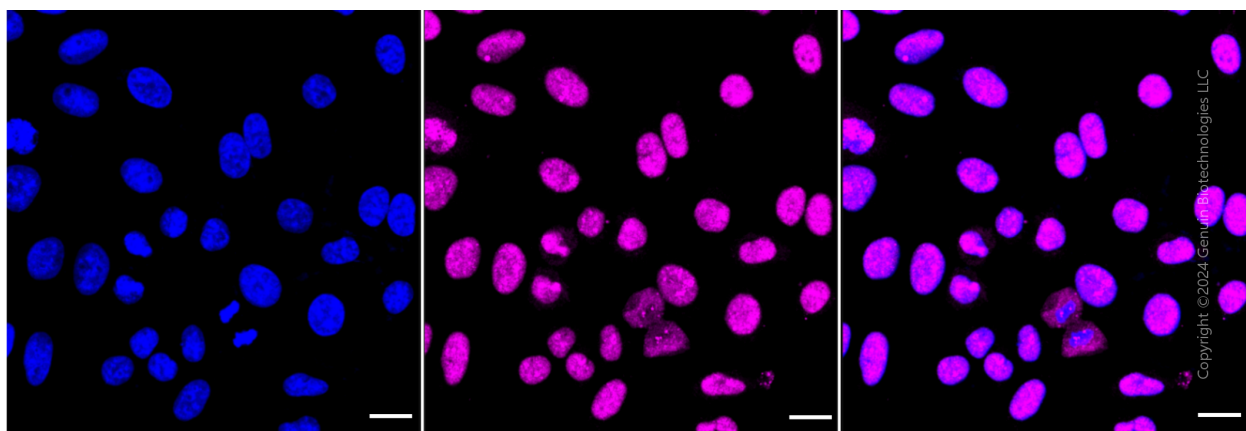
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Flow cytometric analysis of syntaxin 4 expression in HepG2 cells using anti-syntaxin 4 antibody (Cat#3119, 1:2,000). Green, isotype control; red, syntaxin 4.

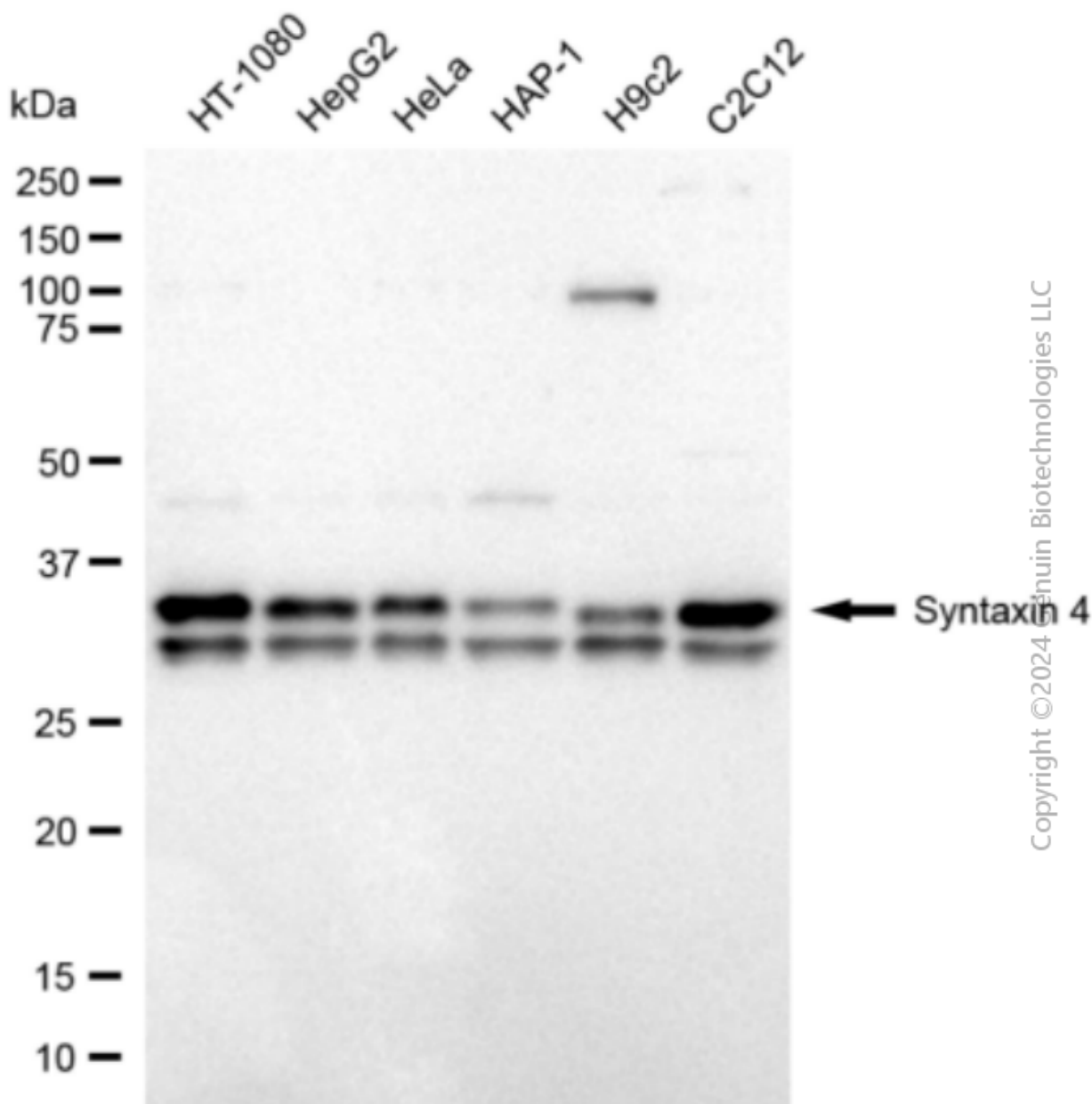


Immunocytochemical staining of HepG2 cells with syntaxin 4 antibody (Cat#3119, 1:1,000).

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Nuclei were stained blue with DAPI; Syntaxin 4 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 μ m.



Western blotting analysis using anti-syntaxin 4 antibody (Cat#3119). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-syntaxin 4 antibody (Cat#3119, 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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