

Catalog #: 5319

Aliases

IGFBP6; Insulin Like Growth Factor Binding Protein 6; Insulin-Like Growth Factor-Binding Protein 6; IGFBP-6; IBP-6; IBP6; Insulin-Like Growth Factor Binding Protein 6; IGF Binding Protein 6; IGF-Binding Protein 6

Background

Gene Name: IGFBP6

NCBI Gene Entry: [3489](#)

UniProt Entry: [P24592](#)

Application Information

Molecular Weight: Predicted, 25 kDa; observed, 35 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 25GB925

Species Reactivity: Human

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

Immunogen

Recombinant protein of human IGFBP6

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

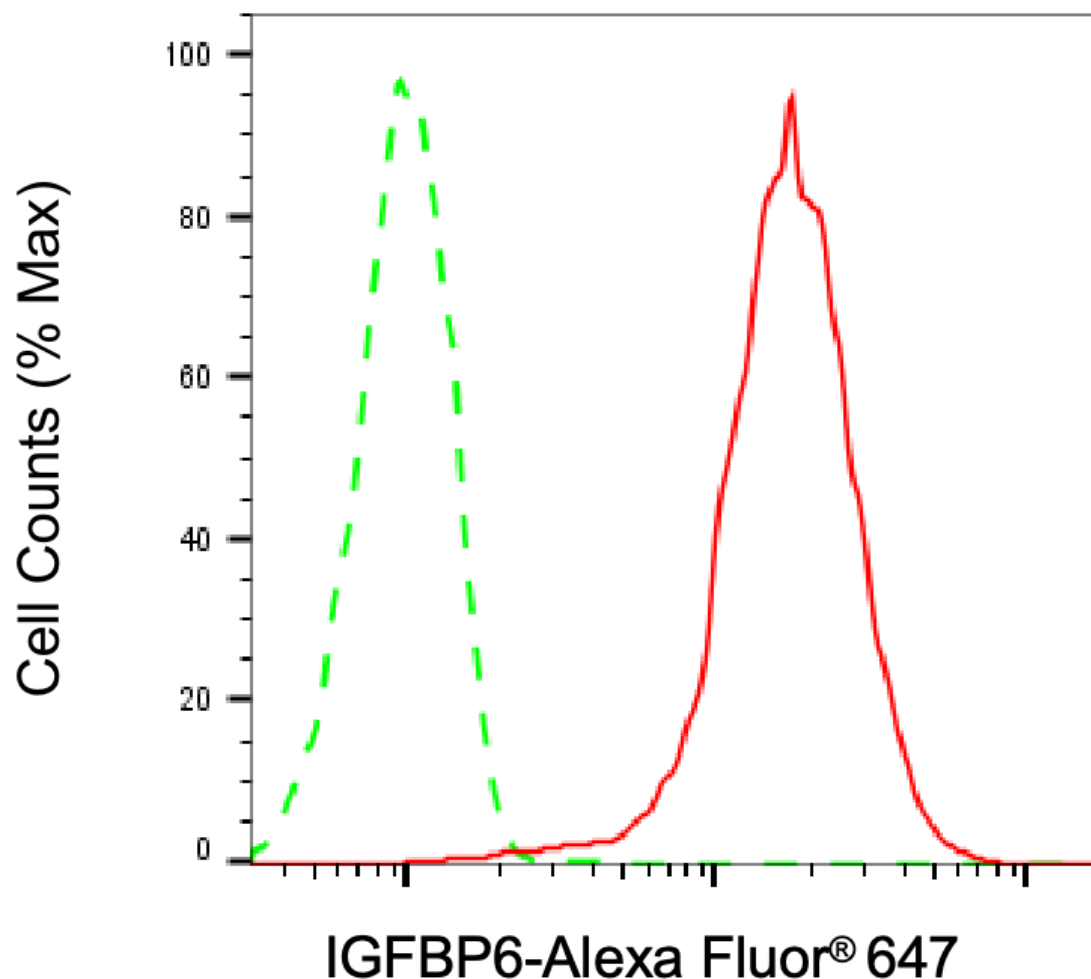
Western Blotting (WB): 1:1,000-1:5,000

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

Flow Cytometry (FCM): 1:200-1:2,000

Note: This product is for research use only.

Validation Data



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Flow cytometric analysis of IGFBP6 expression in HepG2 cells using anti-IGFBP6 antibody (Cat#5319, 1:2,000). Green, isotype control; red, IGFBP6.

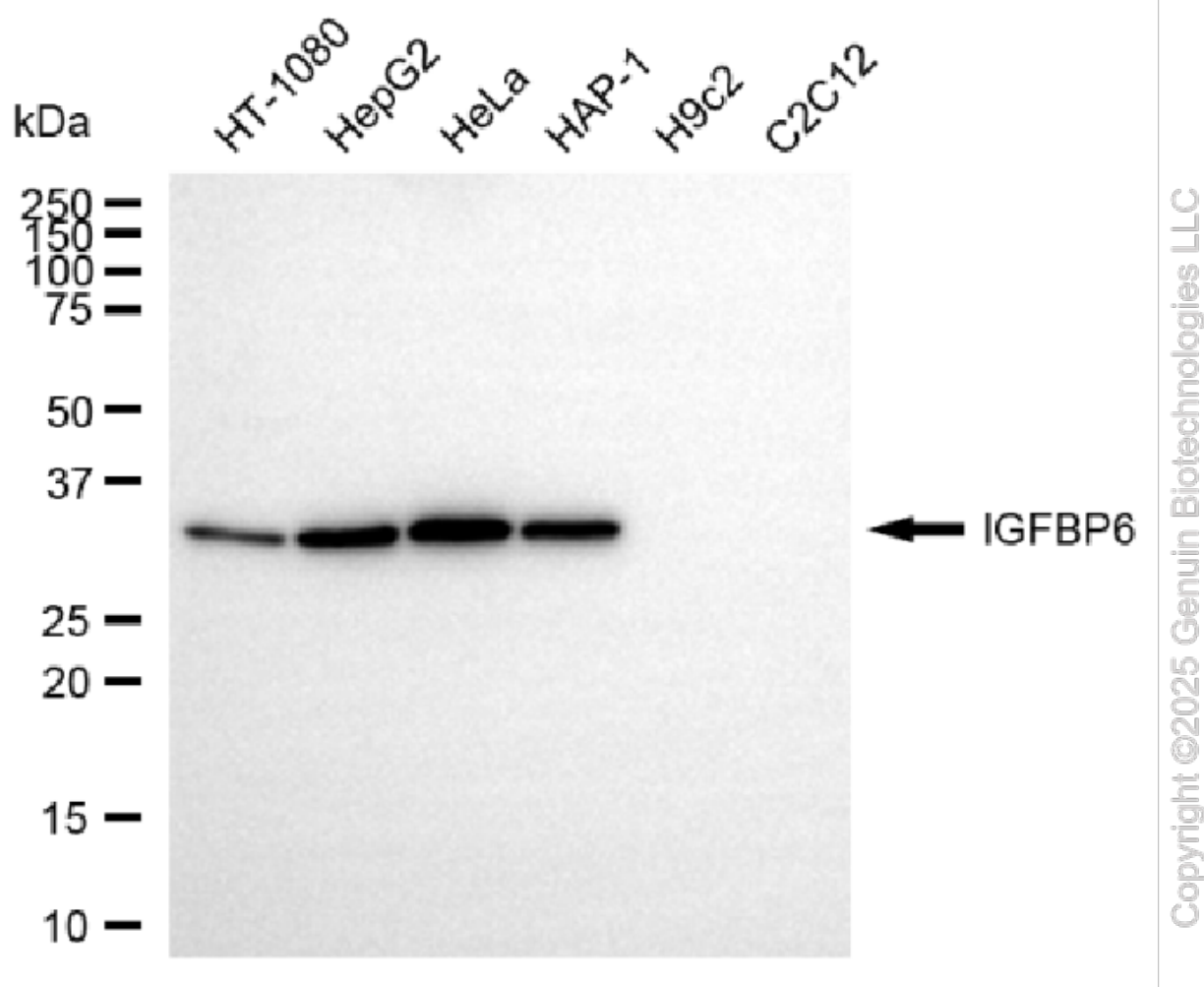
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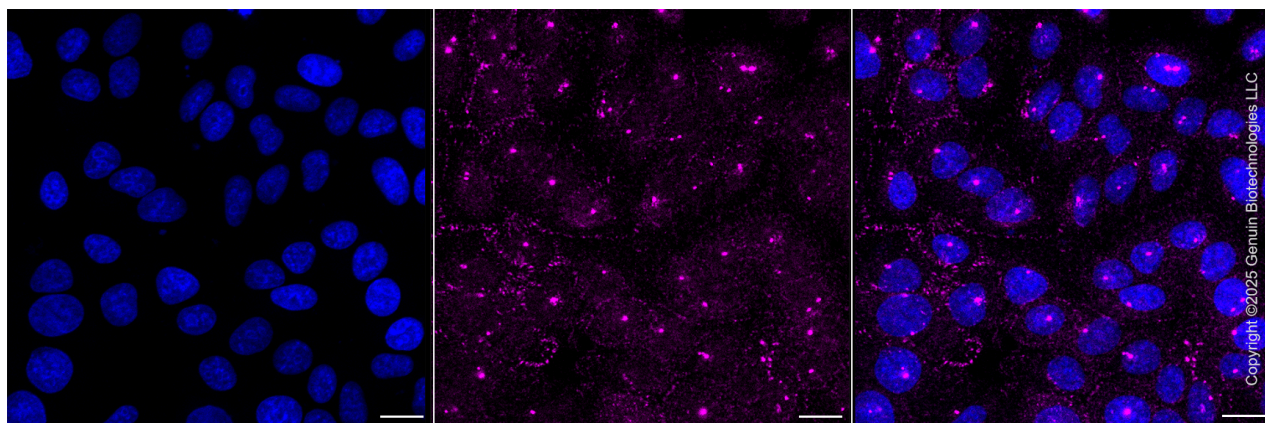
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Western blotting analysis using anti-IGFBP6 antibody (Cat#5319). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-IGFBP6 antibody (Cat#5319, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).



Immunocytochemical staining of HepG2 cells with anti-IGFBP6 antibody (Cat#5319, 1:1,000) .

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Nuclei were stained blue with DAPI; IGFBP6 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 µm.