Anti-Fibroblast Growth Factor 21 Mouse Monoclonal Antibody

Catalog #: 3441

Aliases

FGF21; Fibroblast Growth Factor 21; FGF-21

Background

Gene Name: FGF21
NCBI Gene Entry: 26291
UniProt Entry: Q9NSA1

Application Information

Molecular Weight: Predicted, 22 kDa; observed, 22 kDa
Clonality: Mouse monoclonal antibody
Clone ID: 24GB5640
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), immunocytochemistry (IC), flow cytometry (FCM)

Immunogen

Recombinant protein of human FGF21

Isotype

Mouse IgG1

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):1:2,500-1:5,000
Immunocytochemistry (IC): 1:100-1:1,000
Flow Cytometry (FCM) : 1:2,000

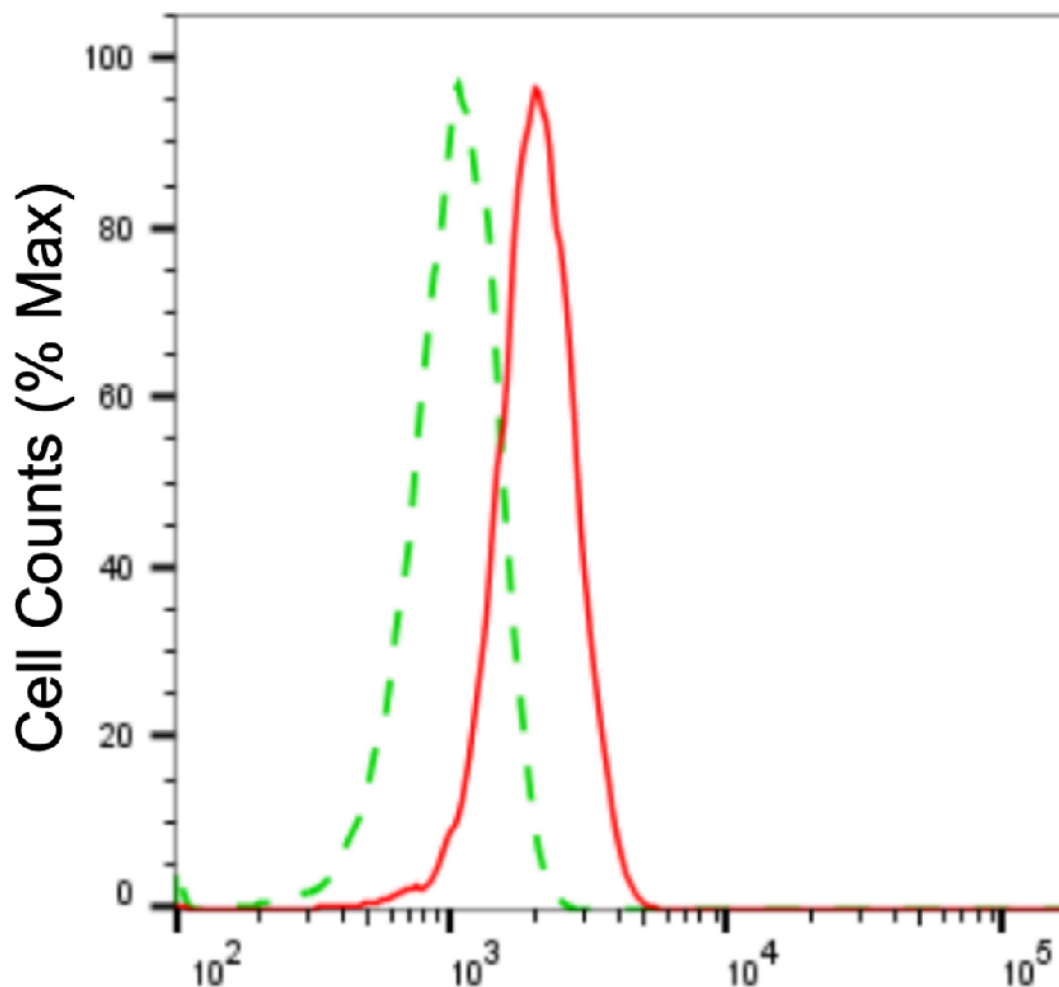**Note:** This product is for research use only.

Validation Data

Flow cytometric analysis of fibroblast growth factor 21 expression in HepG2 cells using anti-fibroblast growth factor 21 antibody (Cat#3441, 1:2,000). Green, isotype control; red, fibroblast growth factor 21.
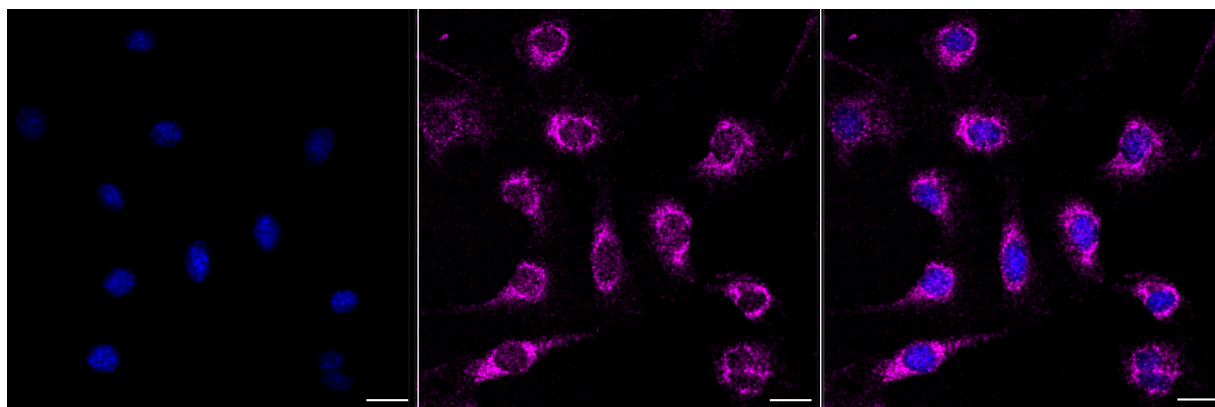
Immunocytochemical staining of HepG2 cells with anti-Fibroblast growth factor 21 antibody (Cat#3441, 1:1,000) . Nuclei were stained blue with DAPI; Fibroblast growth factor 21 was

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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□Low. Scale bar, 20 μm.
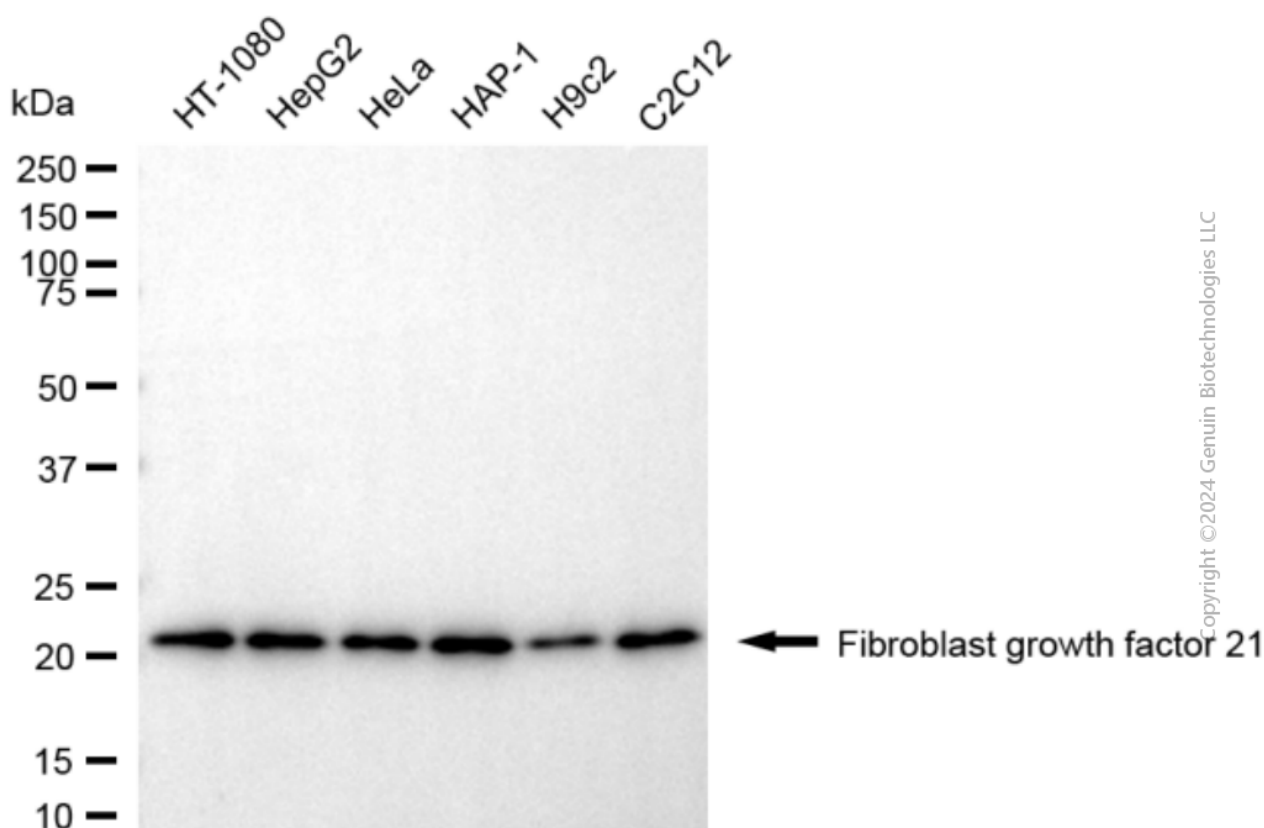
Western blotting analysis using anti-fibroblast growth factor 21 antibody (Cat#3441). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-fibroblast growth factor 21 antibody (Cat#3441, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

SUPPORT

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