

KD-Validated Anti-Fibroblast Growth Factor Receptor 3 Recombinant Rabbit Monoclonal



Catalog #: 61593

Aliases

FGFR3; Fibroblast Growth Factor Receptor 3; JTK4; CD333; CEK2; EC 2.7.10.1; FGFR-3; ACH; Achondroplasia, Thanatophoric Dwarfism; Fibroblast Growth Factor Receptor 3-S; Hydroxyaryl-Protein Kinase; Tyrosine Kinase JTK4; CD333 Antigen; HSGFR3EX; EC 2.7.10

Background

Gene Name: FGFR3

NCBI Gene Entry: [2261](#)

UniProt Entry: [P22607](#)

Application Information

Molecular Weight: Predicted, 88 kDa, observed, 98 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 25GB2965

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human FGFR3

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.

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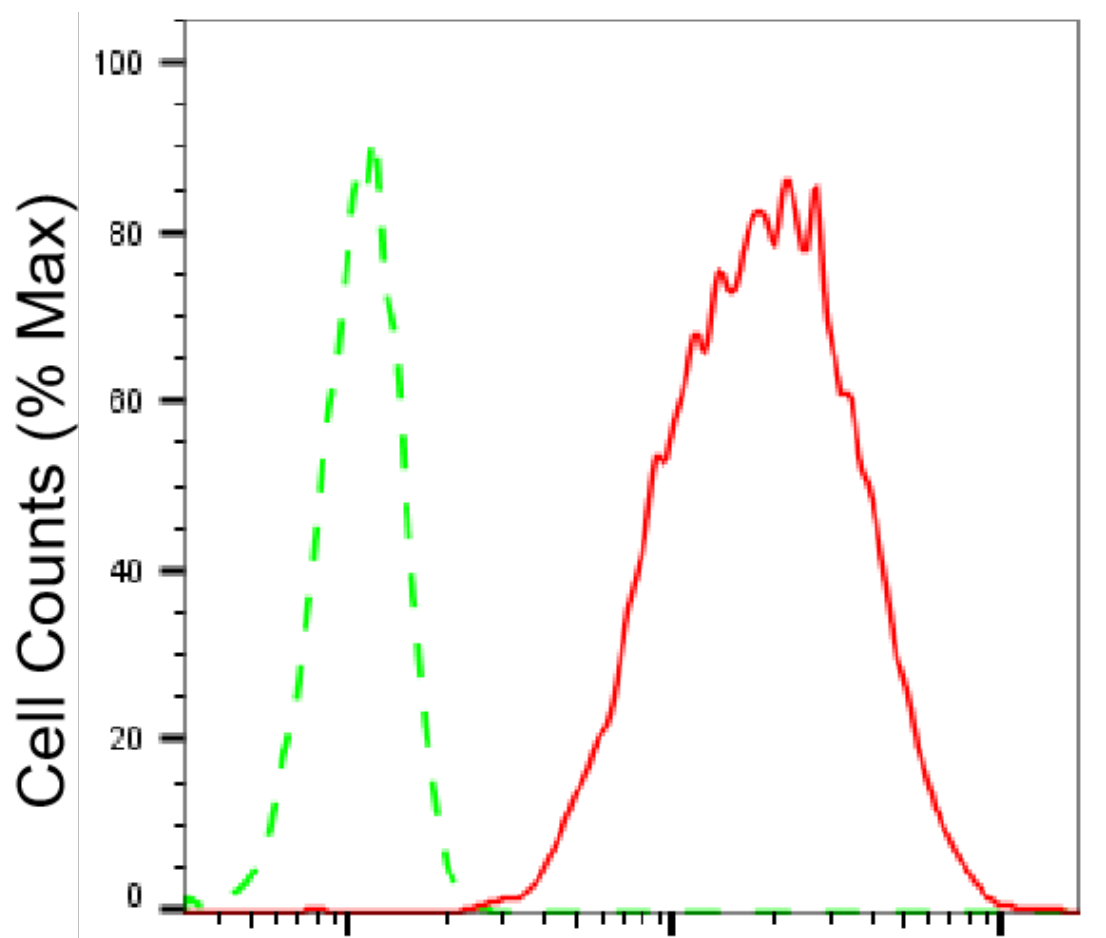
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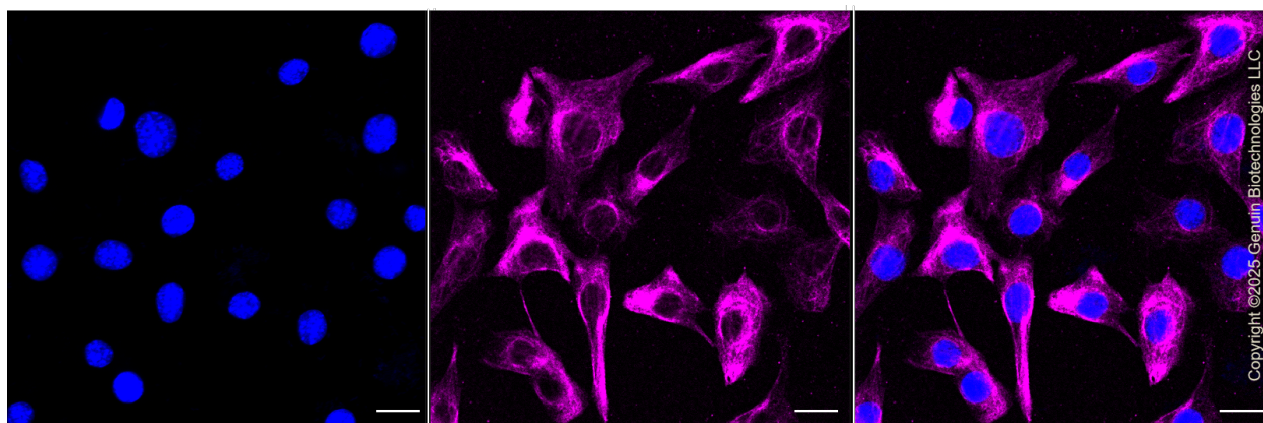
Validation Data



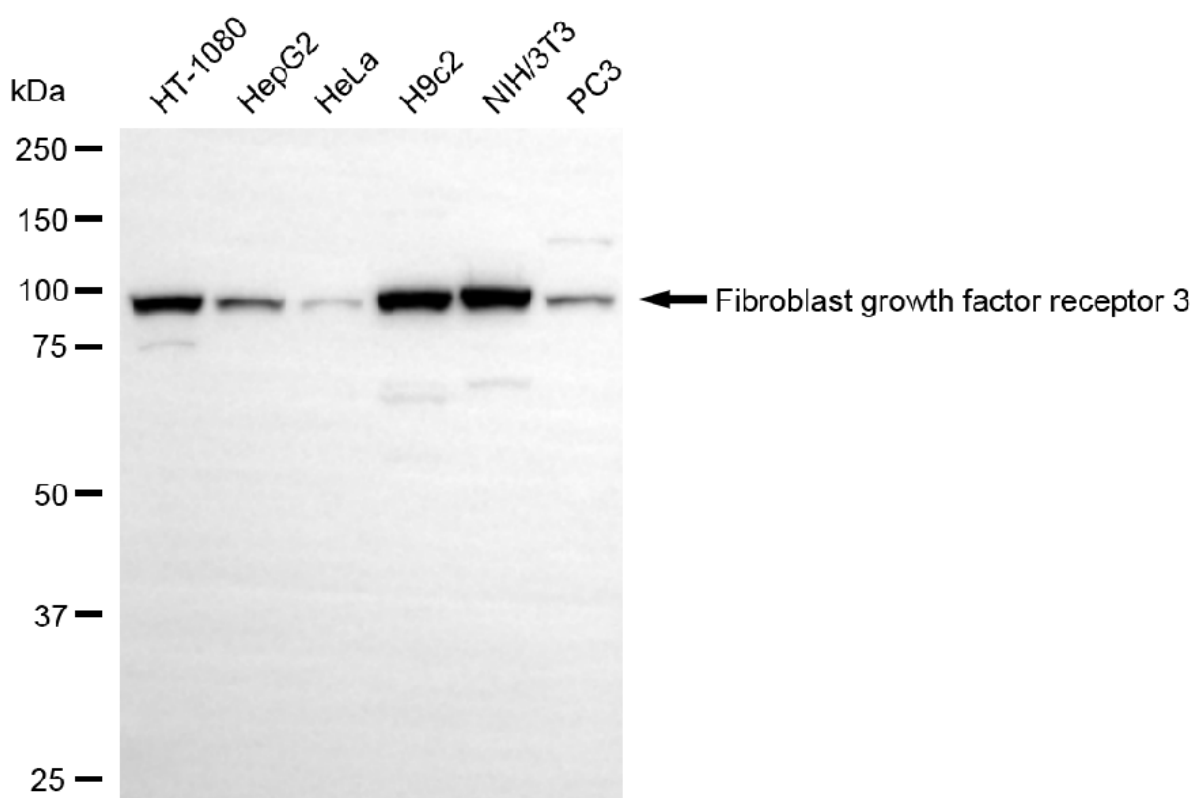
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**Fibroblast growth factor receptor 3-
Alexa Fluor® 647**

Flow cytometric analysis of Fibroblast growth factor receptor 3 expression in C2C12 cells using anti-Fibroblast growth factor receptor 3 antibody (Cat#61593, 1:2,000). Green, isotype control; red, Fibroblast growth factor receptor 3.



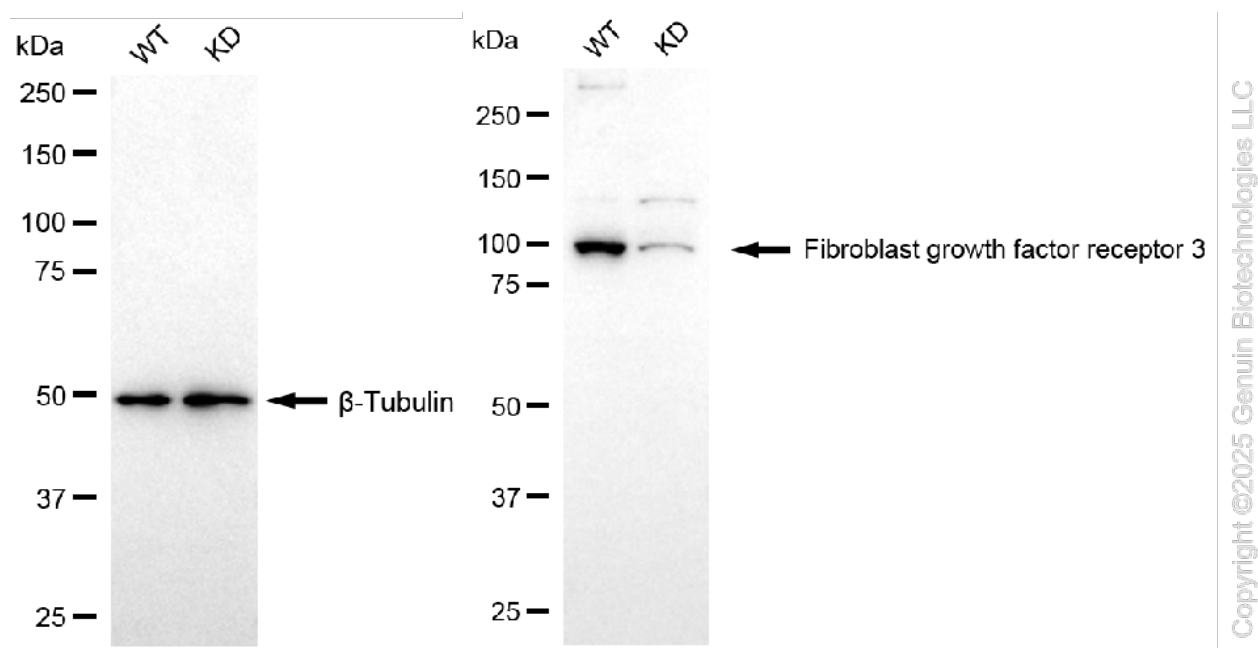
Immunocytochemical staining of C2C12 cells with anti-Fibroblast growth factor receptor 3 antibody (Cat#61593, 1:1,000). Nuclei were stained blue with DAPI; Fibroblast growth factor receptor 3 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar, 20 μ m.



Western blotting analysis using anti-fibroblast growth factor receptor 3 antibody (Cat#61593). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-fibroblast growth factor receptor 3 antibody (Cat#61593, 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-fibroblast growth factor receptor 3 antibody (Cat#61593). Fibroblast growth factor receptor 3 expression in wild-type (WT) and fibroblast growth factor receptor 3 (FGFR3) knockdown (KD) 293T cells with 20 μ g of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with anti-fibroblast growth factor receptor 3 antibody (Cat#61593, 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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