9051 Mira Mesa Blvd, #910094
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Tel: 760-390-3989

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

Rabbit monoclonal antibody

ABG1329

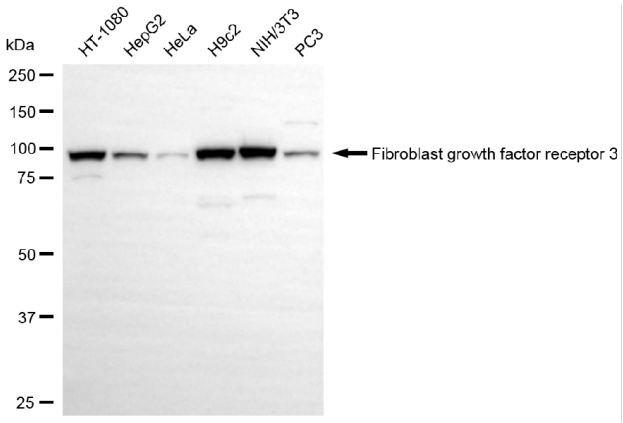
Product Overview

Name	KD-Validated Anti-Fibroblast Growth Factor Receptor 3 Rabbit Monoclonal Antibody
Accession(Primary)	P22607
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human FGFR3
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 88 kDa; observed, 98 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:1,000-1:5,000Flow Cytometry (FCM): 1:2,000Immunocytochemistry (IC): 1:100-1:1,000

Target information (P22607)

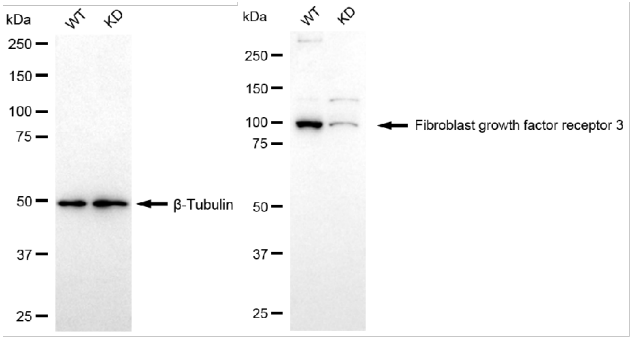
Gene Name	FGFR3
About Gene Symbol	FGFR3 (Fibroblast Growth Factor Receptor 3) is a receptor tyrosine kinase involved in adaptive immunity. It is an important research target in immunology, inflammation, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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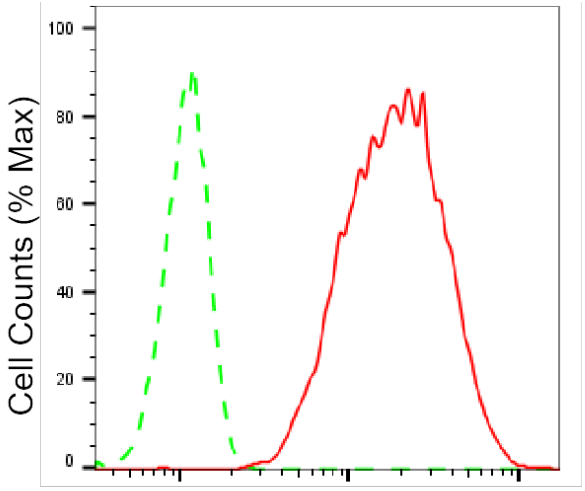
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Western blotting analysis using anti-fibroblast growth factor receptor 3 antibody (Cat#ABG1329). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-fibroblast growth factor receptor 3 antibody (Cat#ABG1329, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Western blotting analysis using anti-fibroblast growth factor receptor 3 antibody (Cat#ABG1329). Fibroblast growth factor receptor 3 expression in wild-type (WT) and fibroblast growth factor receptor 3 (FGFR3) knockdown (KD) 293T cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-fibroblast growth factor receptor 3 antibody (Cat#ABG1329, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

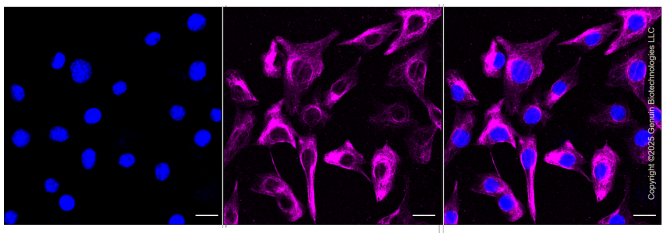


Fibroblast growth factor receptor 3-Alexa Fluor® 647

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Flow cytometric analysis of Fibroblast growth factor receptor 3 expression in C2C12 cells using anti-Fibroblast growth factor receptor 3 antibody (Cat#ABG1329, 1:2,000). Green, isotype control; red, Fibroblast growth factor receptor 3.

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Immunocytochemical staining of C2C12 cells with anti-Fibroblast growth factor receptor 3 antibody (Cat#ABG1329, 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 µm.