

Product Datasheet

FGFR1 Antibody (M19B2) - BSA Free NB600-1287

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB600-1287

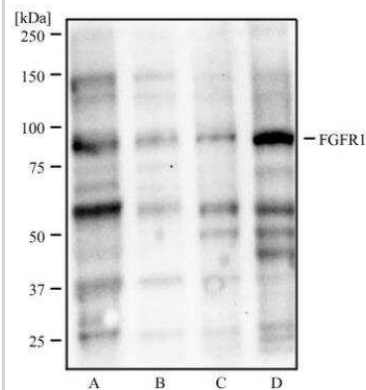
FGFR1 Antibody (M19B2) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	M19B2
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Mouse FGFR1 Antibody (M19B2) - BSA Free (NB600-1287) is a monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. Anti-FGFR1 Antibody: Cited in 7 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	2260
Gene Symbol	FGFR1
Species	Human, Mouse, Rat, Canine, Rabbit
Reactivity Notes	Use in Canine reported in scientific literature (PMID:34998203) Rabbit reactivity reported in scientific literature (PMID: 31755222)..
Specificity/Sensitivity	Reacts with both alpha and beta isoforms.
Immunogen	Recombinant human ectodomain of FGFR1b expressed in E. coli beginning with proline 23; antigen contained NH2-terminal gly-ser-pro-gly-ile and COOH-terminal glu-phe sequences.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot 1-2 ug/ml, Flow Cytometry 1 ug per million cells, Immunohistochemistry reported in scientific literature (PMID 25182532), Immunocytochemistry/ Immunofluorescence reported in scientific literature (PMID 33637089), Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin reported in scientific literature (PMID 34998203), CyTOF-ready
Application Notes	This antibody is CyTOF ready.

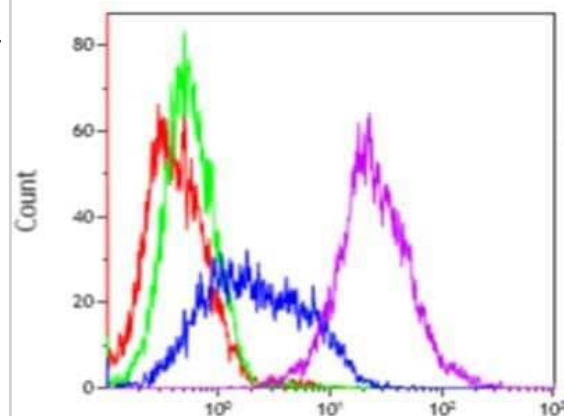


Images

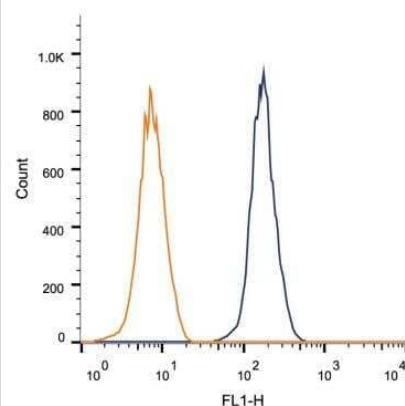
Western Blot: FGF R1 Antibody (M19B2) [NB600-1287] - Analysis of MCF7 (A), HepG2 (B), NIH3T3 (C), and PC-12 (D) cell lysate using FGF R1 antibody at 2 ug/ml.



Flow Cytometry: FGF R1 Antibody (M19B2) [NB600-1287] - Analysis using the Alexa Fluor 488 (R) conjugate of NB600-1287. Staining of FGF R1 in HEK293 and HEK293 FGFR transfected cells using anti-FGF R1 antibody. (Red) Positive cells, (Green) Negative cells, (Blue) Negative cells + antibody, (Pink) Positive cells + antibody. Image from verified customer review.



Flow Cytometry: FGF R1 Antibody (M19B2) [NB600-1287] - Intracellular flow cytometric staining of 1×10^6 HEK-293 cells using FGF R1 antibody (Dark Blue) and Isotype control (Orange). An antibody concentration of 1 ug/ 1×10^6 cells was used.



Publications

Sueyoshi Y, Niwa A, Itani Y et al. Surface modification of the cubic micro-cartilage by collagenase treatment and its efficacy in cartilage regeneration for ear tissue engineering International journal of pediatric otorhinolaryngology 2022-01-03 [PMID: 34998203] (IHC-P, Canine)

Abdalla Y, Luo M, MAkila E et al. Effectiveness of porous silicon nanoparticle treatment at inhibiting the migration of a heterogeneous glioma cell population Journal of nanobiotechnology 2021-02-26 [PMID: 33637089] (ICC/IF, Human)

Mao Y, Liu X. Q, et al. Fibroblast growth factor-2/platelet-derived growth factor enhances atherosclerotic plaque stability. J Cell Mol Med 2020-01-01 [PMID: 31755222] (WB, Rabbit)

Shih CH, Chiang TB, Wang WJ. Synergistic suppression of a disintegrin acurhagin-C in combination with AZD4547 and reparixin on terminating development for human osteosarcoma MG-63 cell Biochem. Biophys. Res. Commun. 2017-08-17 [PMID: 28823917] (FLOW, Human)

Schwenk BM, Hartmann H, Serdaroglu A et al. TDP-43 loss of function inhibits endosomal trafficking and alters trophic signaling in neurons EMBO J. 2016-09-12 [PMID: 27621269] (WB, Human)

Sasaki S, Ishida T, Toyota M et al. Interferon-alpha/beta and anti-fibroblast growth factor receptor 1 monoclonal antibody suppress hepatic cancer cells in vitro and in vivo. PLoS One. 2011-05-09 [PMID: 21573021] (FLOW, Human)

Fu T, Seok S, Choi S et al. MiR-34a inhibits beige and brown fat formation in obesity in part by suppressing adipocyte FGF21 signaling and SIRT1 function. Mol Cell Biol. 2014-09-02 [PMID: 25182532]





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Products Related to NB600-1287

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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