

# 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**

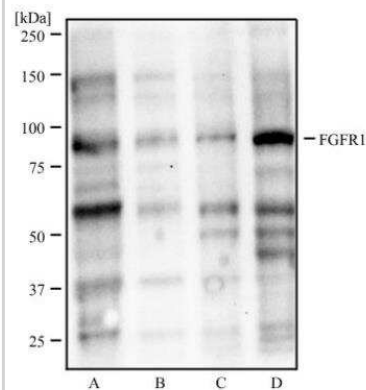
FGFR1 Antibody (M19B2) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	M19B2
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	2260
<b>Gene Symbol</b>	FGFR1
<b>Species</b>	Human, Mouse, Rat, Canine, Rabbit
<b>Reactivity Notes</b>	Use in Canine reported in scientific literature (PMID:34998203) Rabbit reactivity reported in scientific literature (PMID: 31755222)..
<b>Specificity/Sensitivity</b>	Reacts with both alpha and beta isoforms.
<b>Immunogen</b>	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.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, CyTOF-ready
<b>Recommended Dilutions</b>	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
<b>Application Notes</b>	This antibody is CyTOF ready.

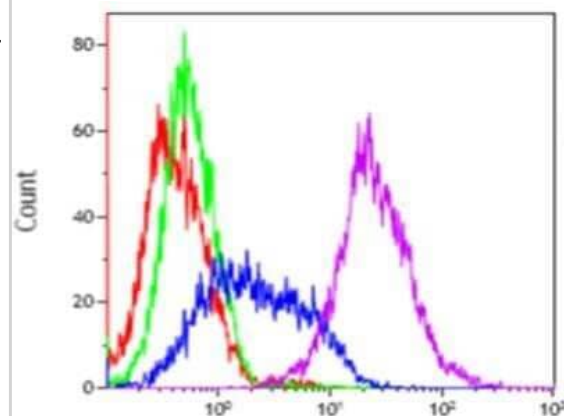


## Images

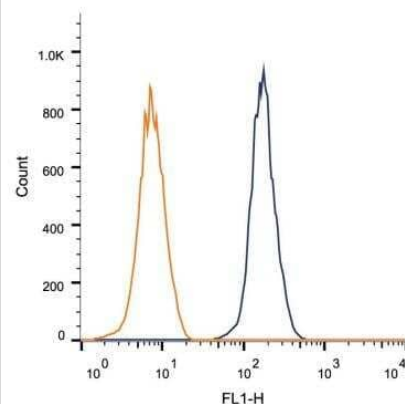
Western Blot: FGF R1 Antibody (M19B2) [NB600-1287] - Analysis of MCF7 (A), HepG2 (B), NIH3T3 (C), and PC-12 (D) cell lysate using FGF R1 antibody at 2 ug/ml.



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  $1 \times 10^6$  HEK-293 cells using FGF R1 antibody (Dark Blue) and Isotype control (Orange). An antibody concentration of 1 ug/ $1 \times 10^6$  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**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NB600-1287AF488	FGFR1 Antibody (M19B2) [Alexa Fluor® 488]

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### **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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