

# Product Datasheet

## FGFR1 Antibody (M2F12) - Azide and BSA Free NBP2-80734

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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**NBP2-80734****FGFR1 Antibody (M2F12) - Azide and BSA Free****Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1 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>	M2F12
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2a
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS

**Product Description**

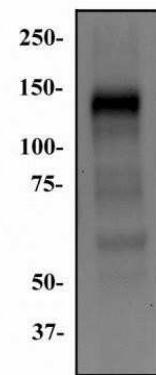
<b>Description</b>	Novus Biologicals Mouse FGFR1 Antibody (M2F12) - Azide and BSA Free (NB120-829) is a monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	2260
<b>Gene Symbol</b>	FGFR1
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Recombinant human ectodomain of FGFr1a expressed in E. coli beginning with pro23; antigen contained NH2-terminal gly-ser-pro-gly-ile and COOH-terminal glu-phe sequences.

**Product Application Details**

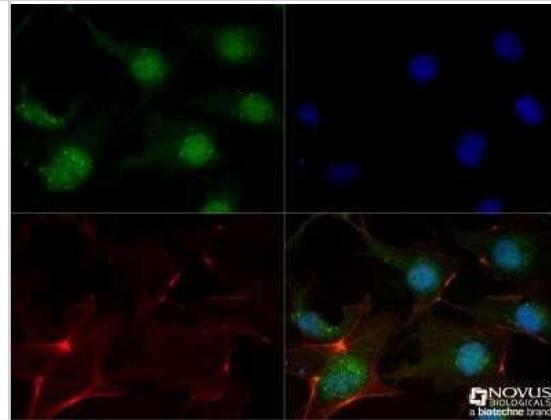
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, CyTOF-ready
<b>Recommended Dilutions</b>	Western Blot 1 ug/ml, Flow Cytometry 1:500 - 1:1000, Immunohistochemistry reported in scientific literature (PMID 8168112), Immunocytochemistry/ Immunofluorescence 10 ug/ml, Immunoprecipitation 1:10 - 1:500, Immunohistochemistry-Frozen 1:10 - 1:500, CyTOF-ready
<b>Application Notes</b>	Western blotting: 1 ug/mL recognizes 10 ng recombinant bacterial, baculo-viral, or native FGFr1. Immunoprecipitation: Native, nuclear, recombinant, and ligand-labeled FGFr1. Customers have reported difficulties using this antibody in immunocytochemistry staining (see review). This antibody does not appear to work in IHC paraffin embedded sections.

## Images

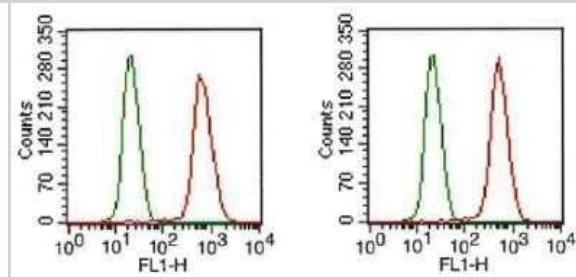
Western Blot: FGFR1 Antibody (M2F12) - Azide and BSA Free [NBP2-80734] - Total protein from Ntera-2 was separated on a 7.5% gel by SDS-PAGE. Protein was transferred to PVDF membrane, blocked and probed with 1 ug/ml of anti-FGFR1. FGFR1 protein was detected at approximately 150 kDa using an anti-mouse HRP secondary antibody. Image from the standard format of this antibody.



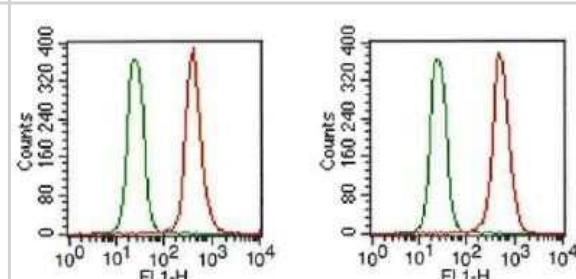
Immunocytochemistry/Immunofluorescence: FGFR1 Antibody (M2F12) - Azide and BSA Free [NBP2-80734] - NTERA2 cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X TBS + 0.5% Triton-X100. The cells were incubated with FGFR1 (M2F12) (NB120-829) at a 1:100 dilution overnight at 4 degrees Celsius and detected with Dylight 488 (Green) at a 1:500 dilution. Actin was detected with Phalloidin 568 (Red) at a 1:200 dilution. Nuclei were detected with DAPI (Blue) at 2.0 ug/ml in 1X PBS. Cells were imaged using a 40X objective. Image from the standard format of this antibody.



Flow Cytometry: FGFR1 Antibody (M2F12) - Azide and BSA Free [NBP2-80734] - Analysis of FGF R1 in HEK293 cells ( $2 \times 10^6$ ) stained with FGF R1 antibody (NB120-829, red) at a 1:1000 dilution and detected with a FITC conjugated goat anti-mouse IgG. Shown with mIgG2a isotype control (green). Two distinct samples shown. Image from the standard format of this antibody.



Flow Cytometry: FGFR1 Antibody (M2F12) - Azide and BSA Free [NBP2-80734] - Analysis of FGF R1 in MCF-7 cells ( $1 \times 10^6$  cells/ml) stained with FGF r1 antibody (NB120-829, red peaks) at a 1:1000 dilution. Detected with a FITC conjugated goat anti-mouse IgG. Shown with mIgG2a isotype control (green). Two distinct samples shown. Image from the standard format of this antibody.





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## Products Related to NBP2-80734

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP2-77504-50ug	Recombinant Human FGFR1 His Protein

## 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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