

Product Datasheet

FGFR3 Antibody (JM110-33)

NBP2-66840

Unit Size: 100 ul

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

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NBP2-66840**FGFR3 Antibody (JM110-33)**

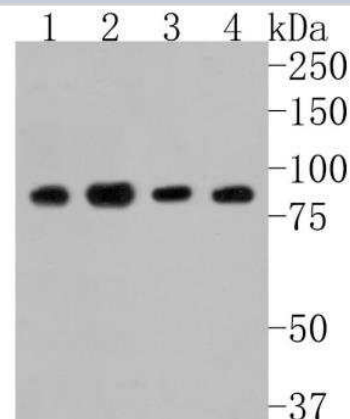
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JM110-33
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit FGFR3 Antibody (JM110-33) (NBP2-66840) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. Anti-FGFR3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2261
Gene Symbol	FGFR3
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human FGFR3 aa 30-63 / 806. (SwissProt: P22607 Human; SwissProt: Q61851 Mouse; Unigene:23671 Rat)

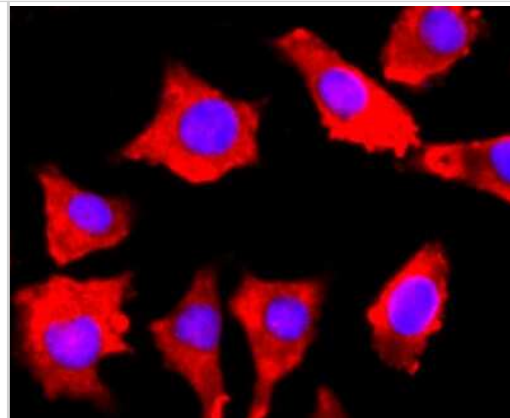
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1,000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200

Images

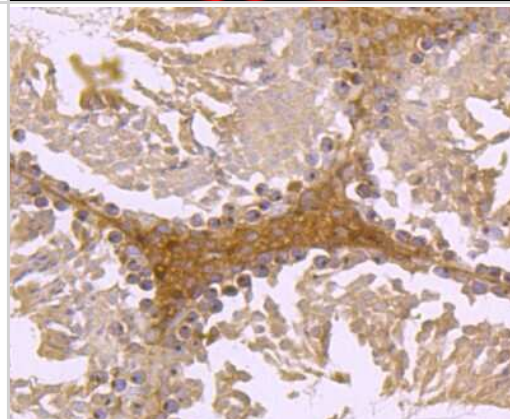
Western Blot: FGFR3 Antibody (JM110-33) [NBP2-66840] - Analysis of FGFR3 on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:5,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: Hela cell lysate Lane 2: HepG2 cell lysate Lane 3: 293 cell lysate Lane 4: MCF-7 cell lysate



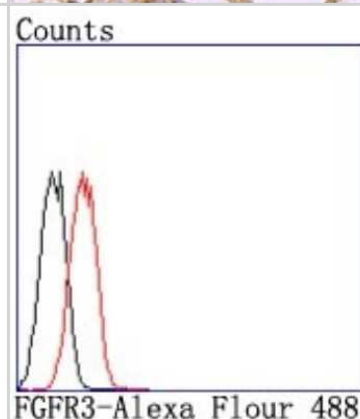
Immunocytochemistry/Immunofluorescence: FGFR3 Antibody (JM110-33) [NBP2-66840] - Staining FGFR3 in SH-SY5Y cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



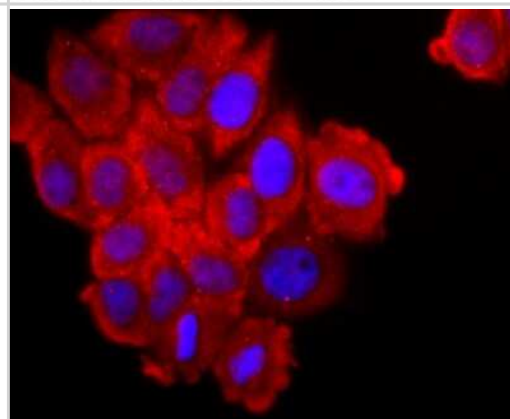
Immunohistochemistry-Paraffin: FGFR3 Antibody (JM110-33) [NBP2-66840] - Analysis of paraffin-embedded mouse testis tissue using anti-FGFR3 antibody. Counter stained with hematoxylin.



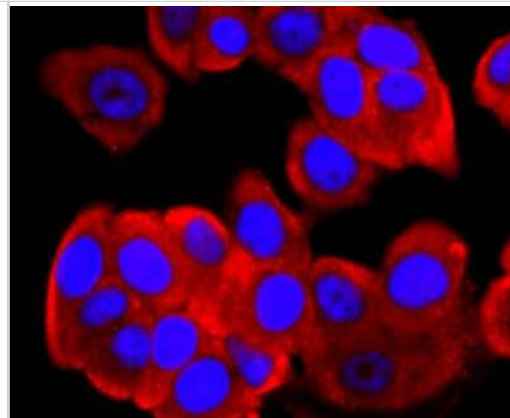
Flow Cytometry: FGFR3 Antibody (JM110-33) [NBP2-66840] - Analysis of A549 cells with FGFR3 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary



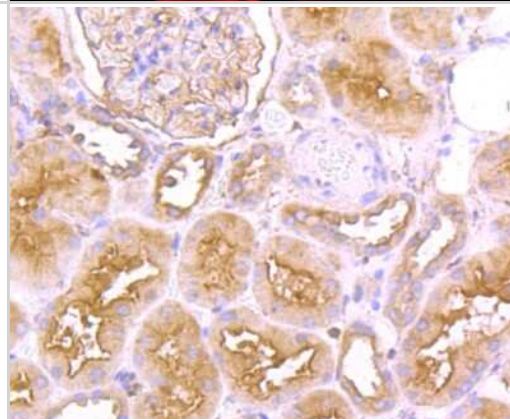
Immunocytochemistry/Immunofluorescence: FGFR3 Antibody (JM110-33) [NBP2-66840] - Staining FGFR3 in HepG2 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



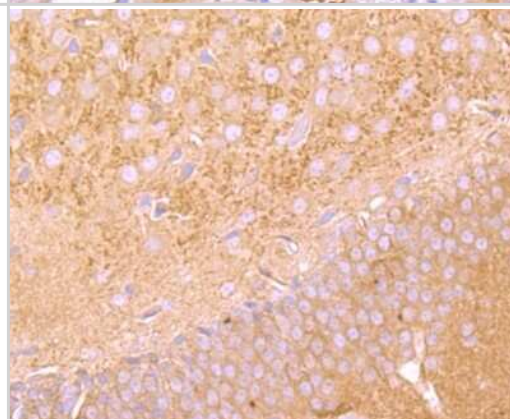
Immunocytochemistry/Immunofluorescence: FGFR3 Antibody (JM110-33) [NBP2-66840] - Staining FGFR3 in MCF-7 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



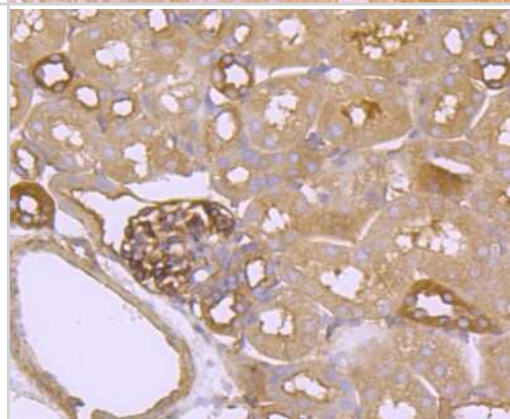
Immunohistochemistry-Paraffin: FGFR3 Antibody (JM110-33) [NBP2-66840] - Analysis of paraffin-embedded human kidney tissue using anti-FGFR3 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: FGFR3 Antibody (JM110-33) [NBP2-66840] - Analysis of paraffin-embedded mouse brain tissue using anti-FGFR3 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: FGFR3 Antibody (JM110-33) [NBP2-66840] - Analysis of paraffin-embedded mouse kidney tissue using anti-FGFR3 antibody. Counter stained with hematoxylin.



Publications

Ran Q, Guo C, Sun C et al. Loss of FGFR3 accelerates bone marrow suppression-induced hematopoietic stem and progenitor cell expansion by activating FGFR1-ELK1-Cyclin D1 signaling Biol. Blood Marrow Transplant. 2020-09-20 [PMID: 32966879] (WB, Mouse)



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Products Related to NBP2-66840

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
233-FB-025	FGF basic/FGF2/bFGF [Unconjugated]

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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