Product Datasheet

PDGFR alpha Antibody (JF104-6)
NBP2-67025

Unit Size: 100 ul

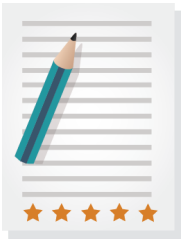
Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com technical@novusbio.com

Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-67025

Updated 2/24/2026 v.20.1



NBP2-67025

PDGFR alpha Antibody (JF104-6)

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	JF104-6
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol
Target Molecular Weight	123 kDa

Product Description

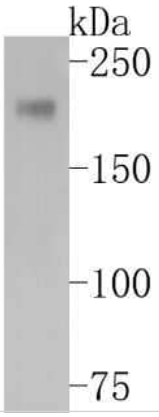
Description	Novus Biologicals Rabbit PDGFR alpha Antibody (JF104-6) (NBP2-67025) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. Anti-PDGFR alpha Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5156
Gene Symbol	PDGFRA
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within C-terminal human PDGFR alpha. (SwissProt: P16234 Human; SwissProt: P26618 Mouse; SwissProt: P20786 Rat)

Product Application Details

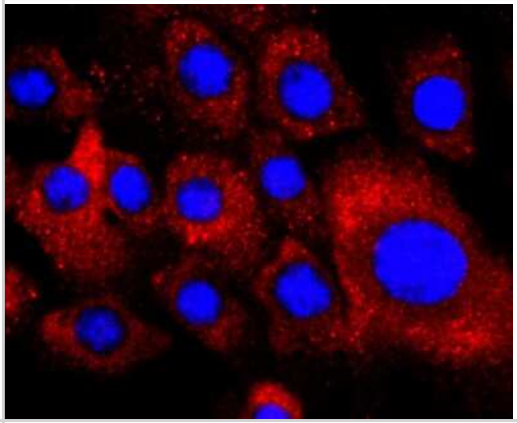
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200

Images

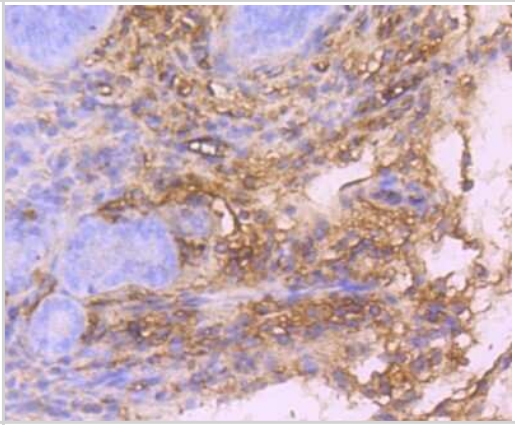
Western Blot: PDGFR alpha Antibody (JF104-6) [NBP2-67025] - Western blot analysis of PDGFR alpha on SHG-44 cell lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1:5,000 dilution was used for 1 hour at room temperature.



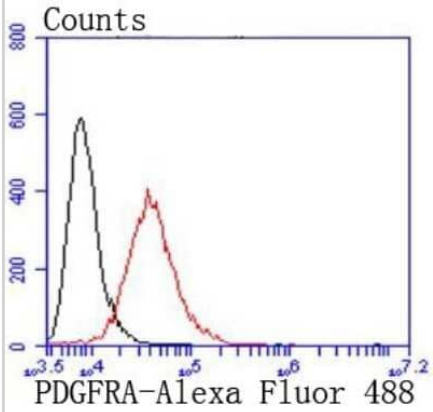
Immunocytochemistry/Immunofluorescence: PDGFR alpha Antibody (JF104-6) [NBP2-67025] - Staining PDGFR alpha in NIH/3T3 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



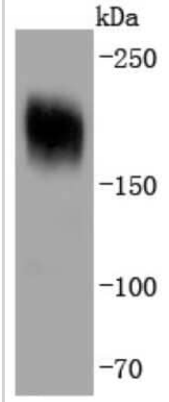
Immunohistochemistry-Paraffin: PDGFR alpha Antibody (JF104-6) [NBP2-67025] - Analysis of paraffin-embedded mouse uterus tissue using anti-PDGFR alpha antibody. Counter stained with hematoxylin.



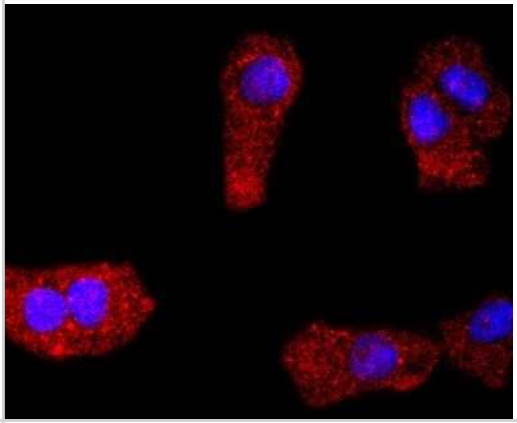
Flow Cytometry: PDGFR alpha Antibody (JF104-6) [NBP2-67025] - Analysis of NIH/3T3 cells with PDGFR alpha antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



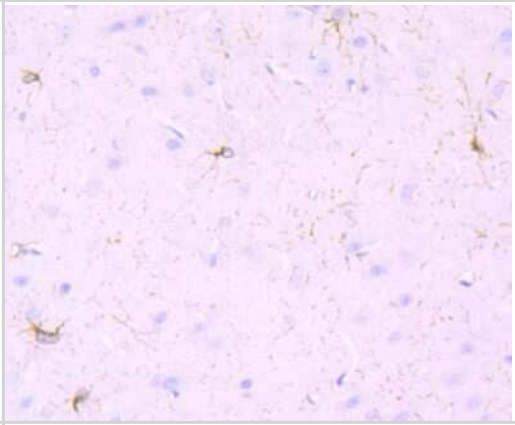
Western Blot: PDGFR alpha Antibody (JF104-6) [NBP2-67025] - Analysis of PDGFR alpha on NIH/3T3 cells lysates using anti-PDGFR alpha antibody at 1/1,000 dilution.



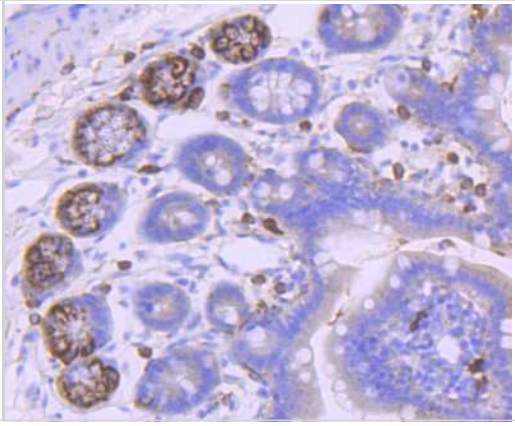
Immunocytochemistry/Immunofluorescence: PDGFR alpha Antibody (JF104-6) [NBP2-67025] - Staining PDGFR alpha in A549 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry-Paraffin: PDGFR alpha Antibody (JF104-6) [NBP2-67025] - Analysis of paraffin-embedded mouse brain tissue using anti-PDGFR alpha antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: PDGFR alpha Antibody (JF104-6) [NBP2-67025] - Analysis of paraffin-embedded mouse colon tissue using anti-PDGFR alpha antibody. Counter stained with hematoxylin.



Publications

Peng H, Chang K, Chang W et al. EGFRvIII-driven microenvironmental fibroblast activation and transformation accelerate oral cancer progression via lipocalin-2/STAT3 axis. Neoplasia (New York, N.Y.) 2025-06-04 [PMID: 40472740]

Pusic KM, Kraig RP, Pusic AD IFN gamma -stimulated dendritic cell extracellular vesicles can be nasally administered to the brain and enter oligodendrocytes PloS one 2021-08-13 [PMID: 34388189] (WB, Rat)

Novus Biologicals USA
10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada
21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd
19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information
www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-67025

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-67025

Earn gift cards/discounts by submitting a publication using this product: www.novusbio.com/publications