

# Product Datasheet

## PDGFR alpha Antibody (8E12F2) - BSA Free NBP2-52528

Unit Size: 0.1 mg

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

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**NBP2-52528**

PDGFR alpha Antibody (8E12F2) - BSA Free

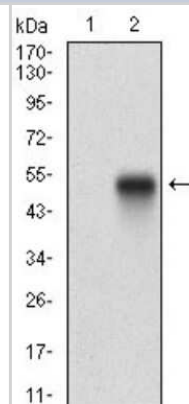
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	8E12F2
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	122.7 kDa

Product Description	
Description	Novus Biologicals Mouse PDGFR alpha Antibody (8E12F2) - BSA Free (NBP2-52528) is a monoclonal antibody validated for use in WB, ELISA, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	5156
Gene Symbol	PDGFRA
Species	Human, Feline
Reactivity Notes	Feline reactivity reported from a verified customer review.
Immunogen	Purified recombinant fragment of human PDGFR alpha (AA: 361-528) expressed in E. Coli.

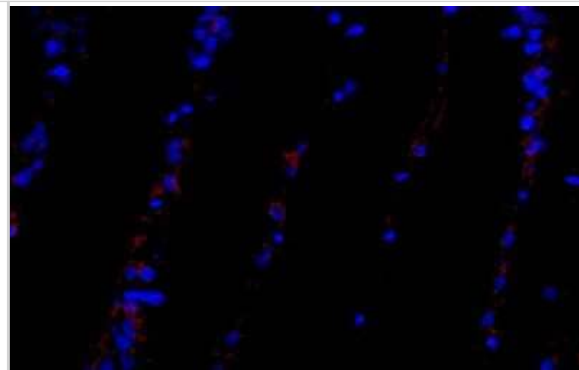
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, CyTOF-ready
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:200-1:400, ELISA 1:10000, Immunocytochemistry/ Immunofluorescence 1:200-1:1000, Flow (Intracellular), CyTOF-ready
Application Notes	This antibody is Cytof ready.

**Images**

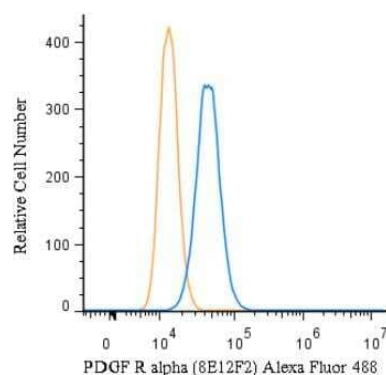
Western Blot: PDGF R alpha Antibody (8E12F2) [NBP2-52528] - Analysis using PDGFRA mAb against HEK293 (1) and PDGFRA (AA: 361-528)-hlgGfc transfected HEK293 (2) cell lysate.



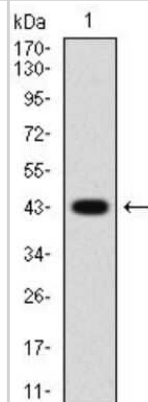
Immunocytochemistry/Immunofluorescence: PDGFR alpha Antibody (8E12F2) [NBP2-52528] - PDGF R alpha Antibody (8E12F2) [NBP2-52528] - Imaging of Optic Nerve. Primary Antibody (red, dilution1:800) and DAPI (blue). This image was submitted via customer Review.



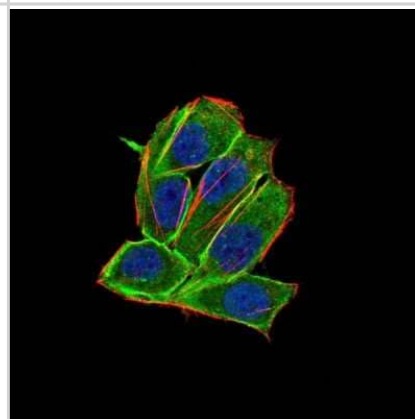
Flow (Intracellular): PDGF R alpha Antibody (8E12F2) [NBP2-52528] - An intracellular stain was performed on HeLa cells with PDGF R alpha Antibody (8E12F2) NBP2-52528AF488 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 10 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 488.



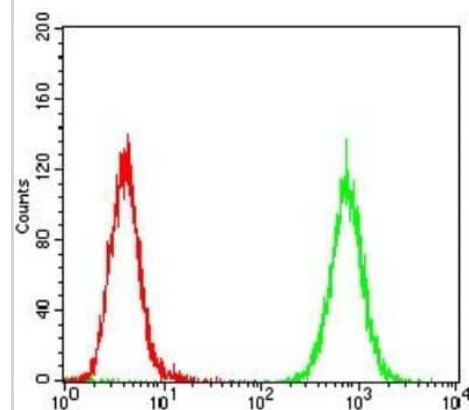
Western Blot: PDGF R alpha Antibody (8E12F2) [NBP2-52528] - Analysis using PDGFRA mAb against human PDGFRA (AA: 361-528) recombinant protein. (Expected MW is 44.8 kDa)



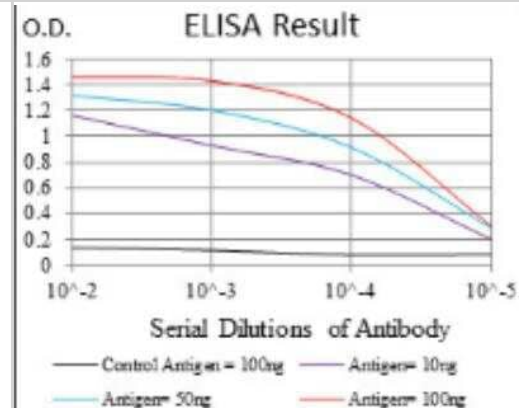
Immunocytochemistry/Immunofluorescence: PDGFR alpha Antibody (8E12F2) [NBP2-52528] - PDGF R alpha Antibody (8E12F2) [NBP2-52528] - Analysis of Hela cells using PDGFRA 8E12F2 HELA 100 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



Flow Cytometry: PDGF R alpha Antibody (8E12F2) [NBP2-52528] - Analysis of Hela cells using PDGFRA mouse mAb (green) and negative control (red).



ELISA: PDGF R alpha Antibody (8E12F2) [NBP2-52528] - Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);





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### **Products Related to NBP2-52528**

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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)

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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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