

# Product Datasheet

## PDGF-B Antibody NBP1-52533

Unit Size: 0.05 mg

Store at -20C. Avoid freeze-thaw cycles.

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### Publications: 3

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**NBP1-52533**

## PDGF-B Antibody

Product Information	
Unit Size	0.05 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	TBS (pH 7.3) and 0.5% BSA

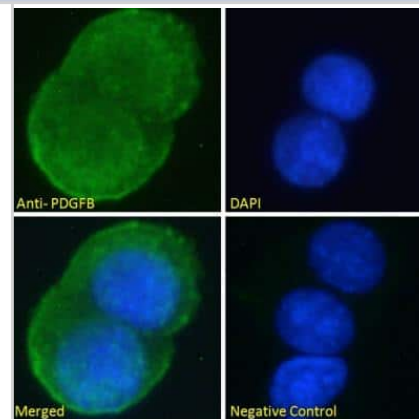
Product Description	
Description	Novus Biologicals Goat PDGF-B Antibody (NBP1-52533) is a polyclonal antibody validated for use in IHC, ELISA, Flow, ICC/IF and ChIP. Anti-PDGF-B Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	5155
Gene Symbol	PDGFB
Species	Human, Bovine, Canine, Sheep
Reactivity Notes	Canine reactivity reported in scientific literature (PMID: 28883003). Predicted cross-reactivity based on sequence identity: Gorilla (100%), Gibbon (100%), Marmoset (92%), Feline (83%).
Immunogen	Peptide with sequence C-KHRKFKHTHDKT, from the C Terminus of the PDGF-B protein sequence according to NP_002599.1 and NP_148937.1.

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 10 ug/ml, Immunohistochemistry-Paraffin 3.75 ug/ml, Peptide ELISA 1:128000
Application Notes	.

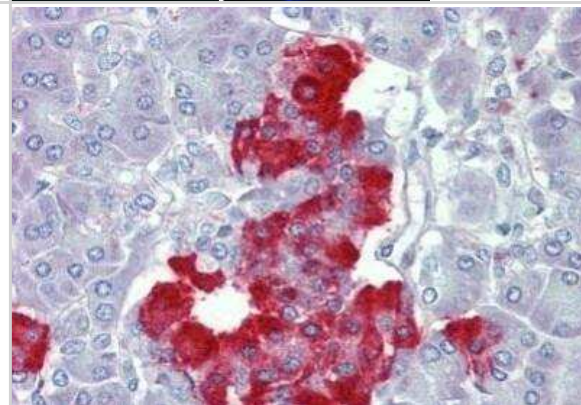


## Images

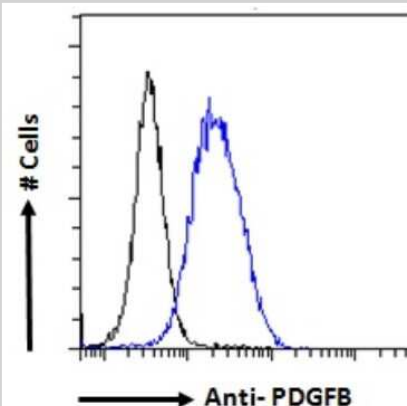
Immunocytochemistry/Immunofluorescence: PDGF-B Antibody [NBP1-52533] - Analysis of paraformaldehyde fixed MCF7 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing vesicle staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



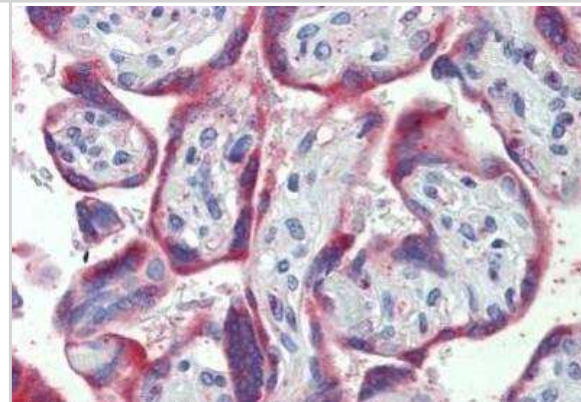
Immunohistochemistry-Paraffin: PDGF-B Antibody [NBP1-52533] - Analysis of anti-PDGFB antibody with human pancreas at concentration 3.75 ug/ml.



Flow Cytometry: PDGF-B Antibody [NBP1-52533] - Flow cytometric analysis of fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Immunohistochemistry-Paraffin: PDGF-B Antibody [NBP1-52533] - Analysis of anti-PDGFB antibody with human placenta at concentration 3.75 ug/ml.



## Publications

Payne LB, Abdelazim H, Hoque M et al. A Soluble Platelet-Derived Growth Factor Receptor-? Originates via Pre-mRNA Splicing in the Healthy Brain and Is Upregulated during Hypoxia and Aging Biomolecules 2023-04-21 [PMID: 37189457] (Canine)

Payne LB, Abdelazim H, Hoque M et al. A Soluble Platelet-Derived Growth Factor Receptor-? Originates via Pre-mRNA Splicing in the Healthy Brain and is Differentially Regulated during Hypoxia and Aging bioRxiv : the preprint server for biology 2023-02-04 [PMID: 36778261] (ChIP, Mouse)

Ulve R, Rault M, Bahin M et al. Discovery of human-similar gene fusions in canine cancers Cancer Res. 2017-09-07 [PMID: 28883003] (Canine)





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### **Products Related to NBP1-52533**

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HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP2-53416-10ug	Recombinant Mouse PDGF-B Protein

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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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