

# Product Datasheet

## PDGF R beta Antibody (42G12) - BSA Free NBP1-19191

Unit Size: 0.1 mg

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

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### Publications: 1

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**NBP1-19191**

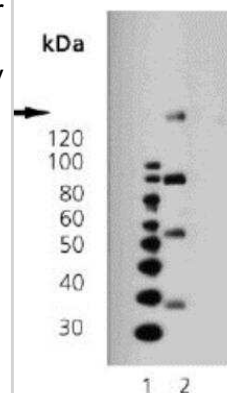
PDGF R beta Antibody (42G12) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	42G12
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS (pH 7.2) and 50% Glycerol
<b>Target Molecular Weight</b>	125 kDa
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	5159
<b>Gene Symbol</b>	PDGFRB
<b>Species</b>	Mouse, Rat
<b>Reactivity Notes</b>	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
<b>Specificity/Sensitivity</b>	PDGF Receptor beta (42G12)
<b>Immunogen</b>	Recombinant human PDGF Receptor beta Protein
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Proximity Ligation Assay, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000, Immunohistochemistry 20 ug/ml, Immunohistochemistry-Paraffin 20 ug/ml, Proximity Ligation Assay, Knockdown Validated
<b>Application Notes</b>	PLA and knockdown validation (PMID: 31672904).

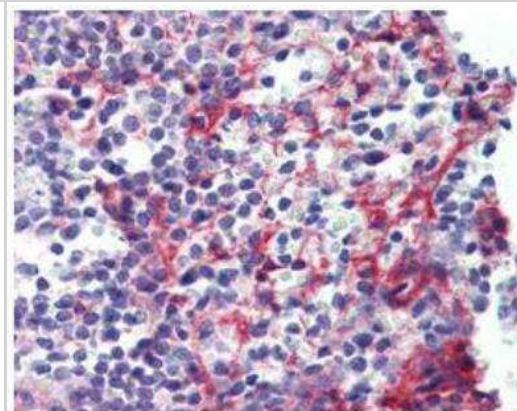


## Images

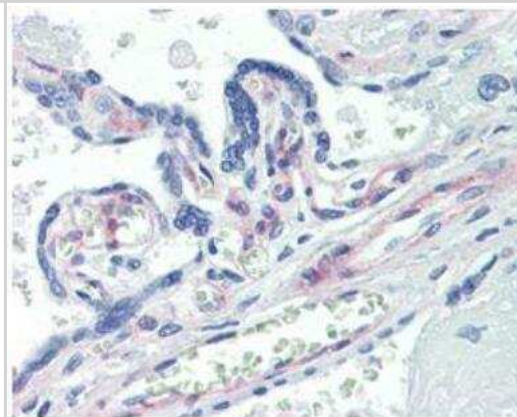
Western Blot: PDGF R beta Antibody (42G12) [NBP1-19191] - Molecular Weight Markers (1) and Mouse Heart Muscle lysate (2) probed with PDGF R beta Antibody Monoclonal Antibody (extra bands are secondary reactivity)



Immunohistochemistry-Paraffin: PDGF R beta Antibody (42G12) [NBP1-19191] - Human spleen tissue at 20 ug/ml



Immunohistochemistry-Paraffin: PDGF R beta Antibody (42G12) [NBP1-19191] - Human placenta at 20 ug/ml



## Publications

Kramer F, Dervede J, Mezheyeuski A et al. Platelet-derived growth factor receptor beta activation and regulation in murine myelofibrosis Haematologica 2019-10-31 [PMID: 31672904] (KD, PLA, Mouse)



### **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 NBP1-19191**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-88134PEP	PDGF R beta Recombinant Protein Antigen

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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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