

# Product Datasheet

## PDGF-B Antibody (JE75-16)

### NBP3-32730

Unit Size: 100 ul

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

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**NBP3-32730**

PDGF-B Antibody (JE75-16)

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	JE75-16
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	27 kDa

Product Description	
Description	Novus Biologicals Rabbit PDGF-B Antibody (JE75-16) (NBP3-32730) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5155
Gene Symbol	PDGFB
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human PDGF-B aa 192-241 / 241. (Uniprot: P01127)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:2000



## Images

Western Blot: PDGF-B Antibody (JE75-16) [NBP3-32730] - Western blot analysis of PDGF-B on different lysates with Rabbit anti-PDGF-B antibody (NBP3-32730) at 1/2,000 dilution.

Lane 1: Human brain tissue lysate  
Lane 2: Mouse brain tissue lysate  
Lane 3: Rat brain tissue lysate

Lysates/proteins at 40 ug/Lane.

Predicted band size: 27 kDa  
Observed band size: 27 kDa

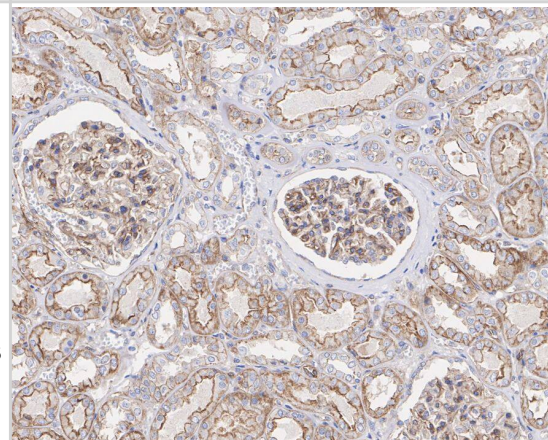
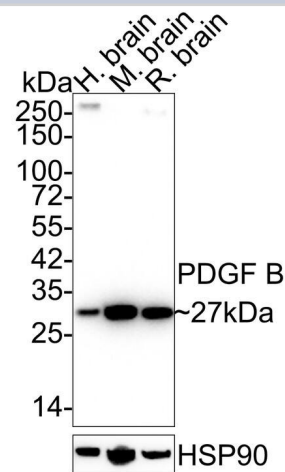
Exposure time: 2 minutes 18 seconds;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDm/TBST for 1 hour at room temperature. The primary antibody (NBP3-32730) at 1/2,000 dilution was used in 5% NFDm/TBST at 4 overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: PDGF-B Antibody (JE75-16) [NBP3-32730] - Immunohistochemical analysis of paraffin-embedded human kidney tissue with Rabbit anti-PDGF-B antibody (NBP3-32730) at 1/2,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (NBP3-32730) at 1/2,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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### **Products Related to NBP3-32730**

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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

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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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