

For Research Use Only

PDGF-D Recombinant monoclonal antibody

Catalog Number: 81718-2-RR



Basic Information

Catalog Number: 81718-2-RR	GenBank Accession Number: NM_025208.4	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 80310	CloneNo.: 252468G6
Source: Rabbit	UNIPROT ID: Q9GZP0-1	Recommended Dilutions: WB: 1:2000-1:10000
Isotype: IgG	Full Name: platelet derived growth factor D	
Immunogen Catalog Number: EG6204	Calculated MW: 43 kDa	
	Observed MW: 50 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse heart tissue, human heart tissue
Species Specificity: human, mouse	

Background Information

Platelet-derived growth factor-D (PDGF-D) is the newest member of the PDGF family. It is secreted as a latent dimer that must undergo extracellular proteolytic removal of its N-terminal CUB domain before the growth-factor domain can activate the β -PDGFR. Once activated, PDGF-D drives proliferation, migration and survival of mesenchymal cells and promotes angiogenesis, wound healing and tissue remodeling. Clinically, PDGF-D is up-regulated in several cancers and in fibrotic diseases of the heart, kidney and lung, making it a potential therapeutic target.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

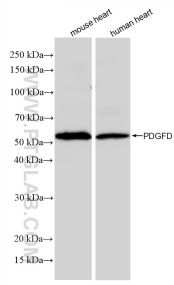
For technical support and original validation data for this product please contact:

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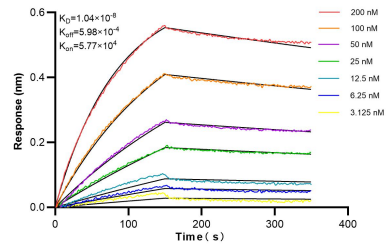
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 81718-2-RR (PDGFD antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 81718-2-RR against Human PDGF-D were performed. The affinity constant is 10.4 nM.