

For Research Use Only

PDGF-D Recombinant monoclonal antibody, PBS Only

Catalog Number: 81718-2-PBS



Basic Information

Catalog Number: 81718-2-PBS	GenBank Accession Number: NM_025208.4	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 80310	CloneNo.: 252468G6
Source: Rabbit	UNIPROT ID: Q9GZP0-1	
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, Indirect ELISA

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 -80°C.

Storage Buffer:
PBS only, pH7.3

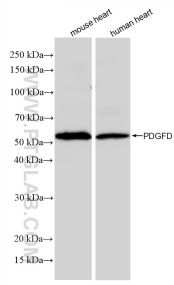
For technical support and original validation data for this product please contact:

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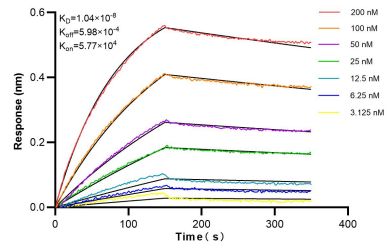
E: proteintech@ptglab.com
W: ptglab.com

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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. This data was developed using the same antibody clone with 81718-2-PBS in a different storage buffer formulation.



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