

For Research Use Only

PGF Recombinant antibody

Catalog Number: 83170-4-RR



Basic Information

Catalog Number: 83170-4-RR	GenBank Accession Number: BC007789	Purification Method: Protein A purification
Size: 100ul , Concentration: 800 µg/ml by Nanodrop;	GeneID (NCBI): 5228	CloneNo.: 230532H3
Source: Rabbit	UNIPROT ID: P49763	
Isotype: IgG	Full Name: placental growth factor	
Immunogen Catalog Number: AG0969	Calculated MW: 25 kDa	

Applications

Tested Applications:
ELISA

Species Specificity:
Human

Background Information

Placenta growth factor (PLGF) is also named as PGF and PGFL. PGF is a homodimeric glycoprotein, 46-50 kDa in size, belonging to the vascular endothelial growth factor (VEGF) sub-family. It plays an important role in pathological VEGF-driven angiogenesis. PLGF is expressed not only in placental cells but also in colon and mammary carcinomas. It acts as a primary inflammatory instigator of atherosclerotic plaque instability and thus may be useful as a risk-predicting biomarker in patients with acute coronary syndromes (ACS).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

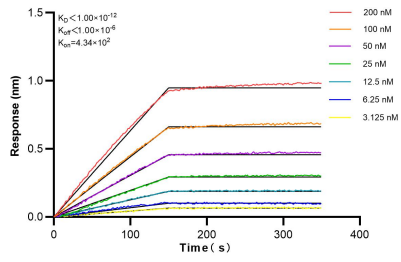
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Selected Validation Data



Biolayer interferometry (BLI) kinetic assays of 83170-4-RR against Human PGF were performed. The affinity constant is below 1 pM.