

For Research Use Only

Mouse Pgf Recombinant antibody, PBS Only (Detector)

Catalog Number:85285-2-PBS



Basic Information

Catalog Number: 85285-2-PBS	GenBank Accession Number: NM_008827.3	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 18654	CloneNo.: 250949G4
Source: Rabbit	UNIPROT ID: Q544A5	
Isotype: IgG	Full Name: placental growth factor	
Immunogen Catalog Number: EG5118	Calculated MW: 18 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
mouse

Product Information

85285-2-PBS targets Pgf as part of a matched antibody pair:

MP02410-1: 85285-3-PBS capture and 85285-2-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Storage

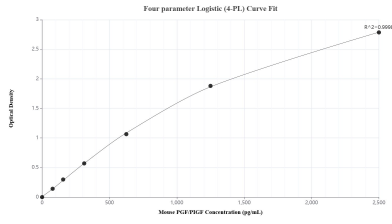
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

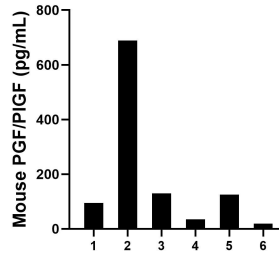
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

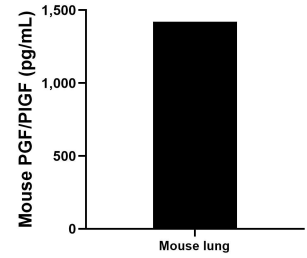
Selected Validation Data



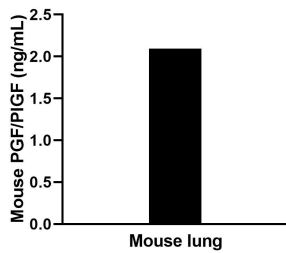
Sandwich ELISA standard curve of MP02410-1, Mouse PGF/PIGF Recombinant Matched Antibody Pair - PBS only. 85285-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg5118. 85285-2-PBS was HRP conjugated as the detection antibody. Range: 78.1-2500 pg/mL



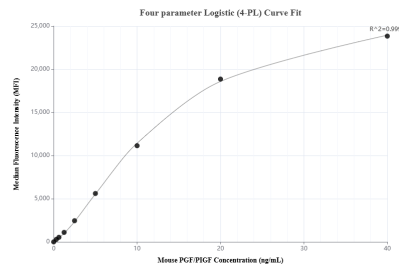
Serum of six mice was measured. The PGF/PIGF concentration of detected samples was determined to be 182.2 pg/mL with a range of 19.7-688.4 pg/mL



Two mouse lungs (1-2 mm pieces in 40 mL of medium) were cultured in RPMI supplemented with 10% fetal calf serum. The cell culture supernate was assayed for mouse PGF/PIGF and measured 1,420.5 pg/mL



Two mouse lungs (1-2 mm pieces in 40 mL of medium) were cultured for 6 days in RPMI supplemented with 10% fetal calf serum. The cell culture supernate was assayed for mouse PGF/PIGF and measured 2.1 ng/mL



Cytometric bead array standard curve of MP02410-1, MOUSE PGF/PIGF Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85285-3-PBS. Detection antibody: 85285-2-PBS. Standard: Eg5118. Range: 0.312-40 ng/mL