

For Research Use Only

PGF Recombinant antibody, PBS Only (Capture)

Catalog Number: 83170-4-PBS



Basic Information

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|--|--|---|
| Catalog Number: 83170-4-PBS | GenBank Accession Number: BC007789 | Purification Method: Protein A purification |
| Size: 100ug , Concentration: 1mg/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:
Indirect ELISA, Cytometric bead array

Species Specificity:
Human

Product Information

83170-4-PBS targets PGF as part of a matched antibody pair:

MP00146-1: 83170-4-PBS capture and 83170-2-PBS detection (validated in Cytometric bead array)

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.

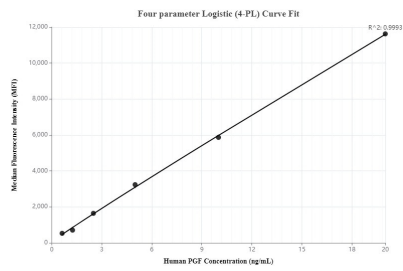
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

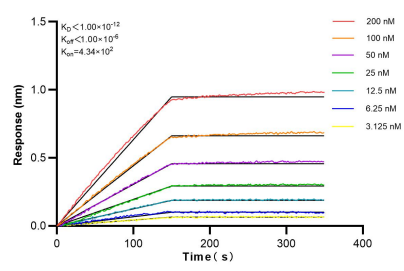
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Cytometric bead array standard curve of MP00146-1, PGF Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83170-4-PBS. Detection antibody: 83170-2-PBS. Standard: Ag0969. Range: 0.625-20 ng/mL



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