

For Research Use Only

GDF5 Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 83988-3-PBS



Basic Information

Catalog Number: 83988-3-PBS	GenBank Accession Number: BC032495	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 8200	CloneNo.: 240944G6
Source: Rabbit	UNIPROT ID: P43026	
Isotype: IgG	Full Name: growth differentiation factor 5	
Immunogen Catalog Number: AG6238	Calculated MW: 55 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

83988-3-PBS targets GDF5 as part of a matched antibody pair:

MP00881-1: 83988-3-PBS capture and 83988-1-PBS detection (validated in Cytometric bead array)

MP00881-2: 83988-2-PBS capture and 83988-3-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.

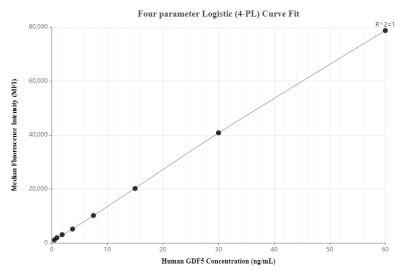
Storage

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

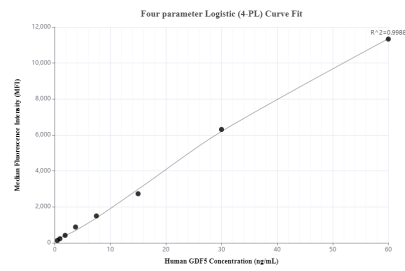
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

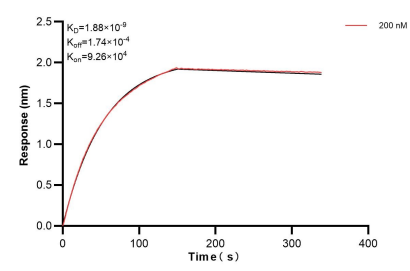
Selected Validation Data



Cytometric bead array standard curve of MP00881-1, GDF5 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83988-3-PBS. Detection antibody: 83988-1-PBS. Standard: Ag6238. Range: 0.469-60 ng/mL



Cytometric bead array standard curve of MP00881-2, GDF5 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83988-2-PBS. Detection antibody: 83988-3-PBS. Standard: Ag6238. Range: 0.469-60 ng/mL



Biolayer interferometry (BLI) kinetic assay of 83988-3-PBS against Human GDF5 was performed. The affinity constant is 1.88 nM.