

For Research Use Only

PDGF-BB Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 83214-2-PBS



Basic Information

Catalog Number: 83214-2-PBS	GenBank Accession Number: BC029822	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 5155	CloneNo.: 230486E6
Source: Rabbit	UNIPROT ID: P01127-1	Affinity: $K_D = 2.39 \times 10^{-10}M$
Isotype: IgG	Full Name: platelet-derived growth factor beta polypeptide (simian sarcoma viral (v-sis) oncogene homolog)	$K_{off} = 3.97 \times 10^{-5}M$ $K_{on} = 1.66 \times 10^5M$
Immunogen Catalog Number: AG25986	Calculated MW: 241 aa, 27 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

83214-2-PBS targets PDGF-BB as part of a matched antibody pair:

MP00198-1: 83214-2-PBS capture and 83214-3-PBS detection (validated in Cytometric bead array)

MP00198-3: 83214-1-PBS capture and 83214-2-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

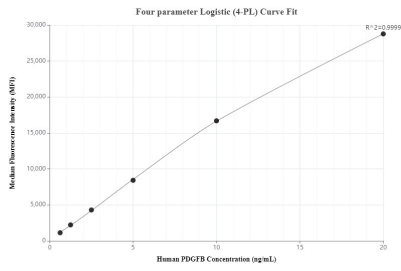
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

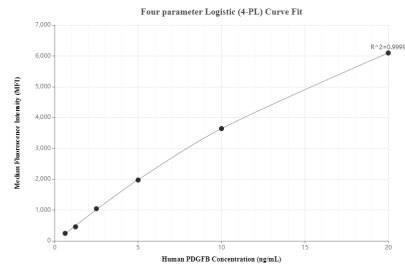
E: proteintech@ptglab.com
W: ptglab.com

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 MP00198-1, PDGF-BB Recombinant Matched Antibody Pair - PBS only. Capture antibody: 83214-2-PBS. Detection antibody: 83214-3-PBS. Standard: Ag25986. Range: 0.625-20 ng/mL



Cytometric bead array standard curve of MP00198-3, PDGF-BB Recombinant Matched Antibody Pair - PBS only. Capture antibody: 83214-1-PBS. Detection antibody: 83214-2-PBS. Standard: Ag25986. Range: 0.625-20 ng/mL