

For Research Use Only



# PDGFB Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP00198-2

## Capture Antibody Information

**Catalog Number:**  
83214-4-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
230486G11  
**Reactivity:**  
Human  
**Immunogen Catalog Number:**  
Ag25986

**Conjugate:**  
Unconjugated  
**Full name:**  
platelet-derived growth factor beta polypeptide (simian sarcoma viral (v-sis) oncogene homolog)  
**Gene ID:**  
5155  
**Affinity:**  
 $K_D = 1.16 \times 10^{-9}M$   
 $K_{Off} = 1.97 \times 10^{-4}M$   
 $K_{On} = 1.70 \times 10^5M$

## Detection Antibody Information

**Catalog Number:**  
83214-3-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
230486C9  
**Reactivity:**  
Human  
**GenBank:**  
BC029822  
**Immunogen Catalog Number:**  
Ag25986

**Conjugate:**  
Unconjugated  
**Full name:**  
platelet-derived growth factor beta polypeptide (simian sarcoma viral (v-sis) oncogene homolog)  
**Gene ID:**  
5155

## Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
0.625-20 ng/mL (Cytometric Bead Array)

**Recommended Dilutions:**  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP00198-2 targets PDGFB in immunoassays as a matched antibody pair. Validated in Cytometric bead array.  
Capture antibody: PDGFB Recombinant antibody, PBS Only (Capture) 83214-4-PBS (230486G11). 100 µg. Concentration 1 mg/mL.

Detection antibody: PDGFB Recombinant antibody, PBS Only (Detector) 83214-3-PBS (230486C9). 100 µg. Concentration 1 mg/mL.

Alternative PDGFB matched antibody pairs: MP00198-1, MP00198-3

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

## Storage

**Storage:**  
Store at -80°C.  
**Storage buffer:**  
PBS only

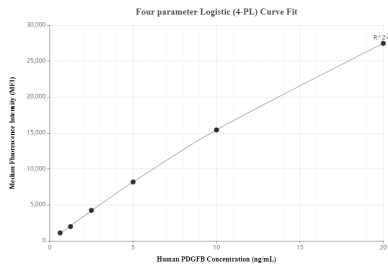
For technical support and original validation data for this product please contact:

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 MP00198-2, PDGFB Recombinant Matched Antibody Pair - PBS only. Capture antibody: 83214-4-PBS. Detection antibody: 83214-3-PBS. Standard: Ag25986. Range: 0.625-20 ng/mL