

# PDGF-BB Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP00198-3

## Capture Antibody Information

**Catalog Number:**  
83214-1-PBS

**Host:**  
Rabbit

**Isotype:**  
IgG

**Purification Method:**  
Protein A purification

**Clone ID:**  
230486B2

**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

## Detection Antibody Information

**Catalog Number:**  
83214-2-PBS

**Host:**  
Rabbit

**Isotype:**  
IgG

**Purification Method:**  
Protein A purification

**Clone ID:**  
230486E6

**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

**Affinity:**  
 $K_D = 2.39 \times 10^{-10}$   
 $K_{off} = 3.97 \times 10^{-5}$   
 $K_{on} = 1.66 \times 10^5$

## 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

MP00198-3 targets PDGF-BB in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: PDGF-BB Recombinant antibody, PBS Only (Capture) 83214-1-PBS (230486B2). 100 µg. Concentration 1 mg/mL.

Detection antibody: PDGF-BB Recombinant antibody, PBS Only (Capture/Detector) 83214-2-PBS (230486E6). 100 µg. Concentration 1 mg/mL.

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.

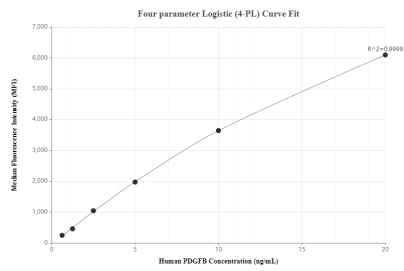
## Storage

**Storage:**  
Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage buffer:**  
PBS only

# Selected Validation Data



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