

# BMPR1B Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00108-1**

## Capture Antibody Information

**Catalog Number:**  
83029-7-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
230244H7  
**Reactivity:**  
human  
**Immunogen Catalog Number:**  
Ag24902

**Conjugate:**  
Unconjugated  
**Full name:**  
bone morphogenetic protein receptor, type IB  
**Gene ID:**  
658  
**Affinity:**  
 $K_D = 9.83 \times 10^{-10} \text{M}$   
 $K_{off} = 4.89 \times 10^{-4} \text{M}$   
 $K_{on} = 4.97 \times 10^5 \text{M}$

## Detection Antibody Information

**Catalog Number:**  
83029-2-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
230244D8  
**Reactivity:**  
human  
**GenBank:**  
BC047773  
**Immunogen Catalog Number:**  
Ag24902

**Conjugate:**  
Unconjugated  
**Full name:**  
bone morphogenetic protein receptor, type IB  
**Gene ID:**  
658  
**Affinity:**  
 $K_D = 4.61 \times 10^{-10} \text{M}$   
 $K_{off} = 2.71 \times 10^{-4} \text{M}$   
 $K_{on} = 5.89 \times 10^4 \text{M}$

## Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
0.313-10 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

MP00108-1 targets BMPR1B in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: BMPR1B Recombinant antibody, PBS Only (Capture) 83029-7-PBS (230244H7). 100 µg. Concentration 1 mg/mL.

Detection antibody: BMPR1B Recombinant antibody, PBS Only (Detector) 83029-2-PBS (230244D8). 100 µg. Concentration 1 mg/mL.

Alternative BMPR1B matched antibody pairs: MP00108-2, MP00108-3, MP00108-4

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.

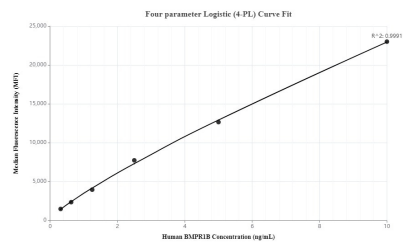
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

## Storage

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

# Selected Validation Data



Cytometric bead array standard curve of MP00108-1, BMPR1B Recombinant Matched Antibody Pair - PBS only. Capture antibody: 83029-7-PBS. Detection antibody: 83029-2-PBS. Standard: Ag24902. Range: 0.313-10 ng/mL