

# BMPR1B Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP00108-2

## Capture Antibody Information

**Catalog Number:**  
83029-3-PBS

**Host:**  
Rabbit

**Isotype:**  
IgG

**Purification Method:**  
Protein A purification

**Clone ID:**  
230244E9

**Reactivity:**  
Human

**Immunogen Catalog Number:**  
Ag24902

**Conjugate:**  
Unconjugated

**Full name:**  
bone morphogenetic protein receptor, type IB

**Gene ID:**  
658

**Affinity:**

$K_D = 7.44 \times 10^{-11}M$

$K_{Off} = 1.24 \times 10^{-4}M$

$K_{On} = 1.67 \times 10^6M$

## Detection Antibody Information

**Catalog Number:**  
83029-1-PBS

**Host:**  
Rabbit

**Isotype:**  
IgG

**Purification Method:**  
Protein A purification

**Clone ID:**  
230244B11

**Reactivity:**  
Human

**GenBank:**  
BC047773

**Immunogen Catalog Number:**  
Ag24902

**Conjugate:**  
Unconjugated

**Full name:**  
bone morphogenetic protein receptor, type IB

**Gene ID:**  
658

**Affinity:**

$K_D = 1.49 \times 10^{-10}M$

$K_{Off} = 1.22 \times 10^{-4}M$

$K_{On} = 8.14 \times 10^4M$

## 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

MP00108-2 targets BMPR1B in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: BMPR1B Recombinant antibody, PBS Only (Capture) 83029-3-PBS (230244E9). 100 µg. Concentration 1 mg/mL.

Detection antibody: BMPR1B Recombinant antibody, PBS Only (Detector) 83029-1-PBS (230244B11). 100 µg. Concentration 1 mg/mL.

Alternative BMPR1B matched antibody pairs: MP00108-1, MP00108-3

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.

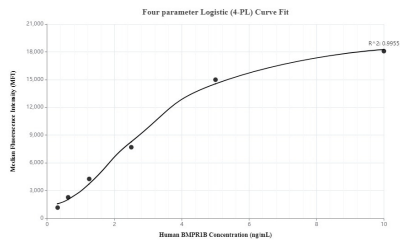
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

## Storage

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

## Selected Validation Data



Cytometric bead array standard curve of MP00108-2, BMPRII Recombinant Matched Antibody Pair - PBS only. Capture antibody: 83029-3-PBS. Detection antibody: 83029-1-PBS. Standard: Ag24902. Range: 0.313-10 ng/mL