

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:
 $K_D = 7.44 \times 10^{-11} \text{M}$
 $K_{off} = 1.24 \times 10^{-4} \text{M}$
 $K_{on} = 1.67 \times 10^6 \text{M}$

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:
 $K_D = 1.49 \times 10^{-10} \text{M}$
 $K_{off} = 1.22 \times 10^{-4} \text{M}$
 $K_{on} = 8.14 \times 10^4 \text{M}$

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

MP00108-2 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, 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.

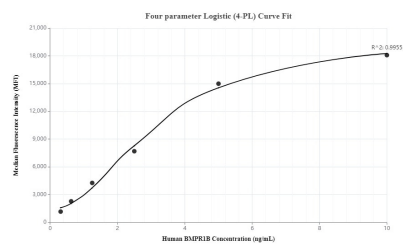
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

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 MP00108-2, 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