

For Research Use Only

# BMPR1B Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 83029-4-PBS



## Basic Information

<b>Catalog Number:</b> 83029-4-PBS	<b>GenBank Accession Number:</b> BC047773	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 658	<b>CloneNo.:</b> 230244E12
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O00238	
<b>Isotype:</b> IgG	<b>Full Name:</b> bone morphogenetic protein receptor, type IB	
<b>Immunogen Catalog Number:</b> AG24902	<b>Calculated MW:</b> 57 kDa	

## Applications

**Tested Applications:**  
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

**Species Specificity:**  
human

## Product Information

83029-4-PBS targets BMPR1B as part of a matched antibody pair:

MP00108-3: 83029-5-PBS capture and 83029-4-PBS detection (validated in Cytometric bead array)

MP00108-4: 83029-4-PBS capture and 83029-8-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) 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.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

## Storage

**Storage:**  
Store at -80°C.  
**Storage Buffer:**  
100% PBS pH 7.3

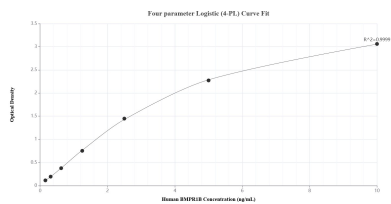
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

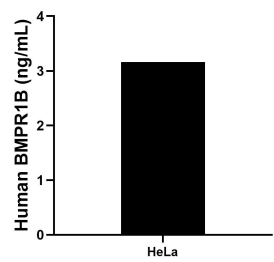
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

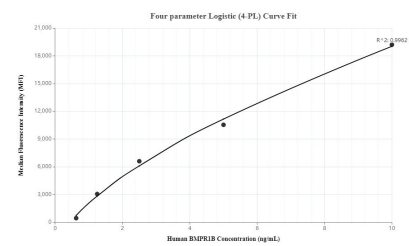
## Selected Validation Data



Sandwich ELISA standard curve of MP00108-4, Human BMPR1B Recombinant Matched Antibody Pair - PBS only. 83029-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag24902. 83029-8-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



The mean BMPR1B concentration was determined to be 3.16 ng/mL in HeLa cell extract based on a 1.50 mg/mL extract load.



Cytometric bead array standard curve of MP00108-3, BMPR1B Recombinant Matched Antibody Pair - PBS only. Capture antibody: 83029-5-PBS. Detection antibody: 83029-4-PBS. Standard: Ag24902. Range: 0.625-10 ng/mL