

For Research Use Only

# IL-1R2 Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 84269-1-PBS



## Basic Information

Catalog Number: 84269-1-PBS	GenBank Accession Number: BC039031	Purification Method: Protein A purification
Concentration: 1000 µg/ml	GeneID (NCBI): 7850	CloneNo.: 241530B4
Source: Rabbit	UNIPROT ID: P27930	
Isotype: IgG	Full Name: interleukin 1 receptor, type II	
Immunogen Catalog Number: EG0118	Calculated MW: 398 aa, 45 kDa	

## Applications

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

**Species Specificity:**  
human

## Background Information

### 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, pH7.3

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

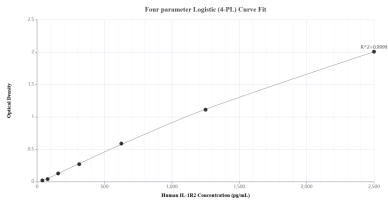
T: 4006900926

E: Proteintech-CN@ptglab.com

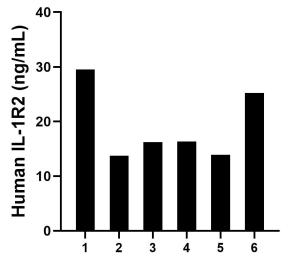
W: ptgcn.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

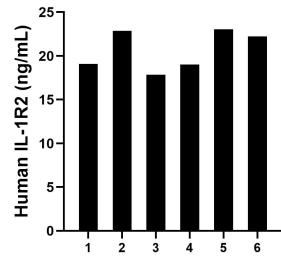
Selected Validation Data



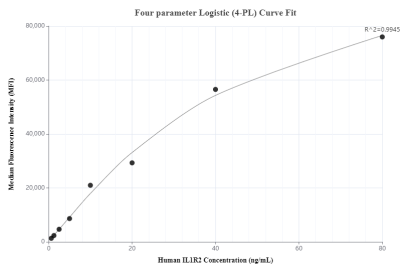
Sandwich ELISA standard curve of MP01178-4, Human IL-1R2 Recombinant Matched Antibody Pair - PBS only. 84269-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0118. 84269-4-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL.



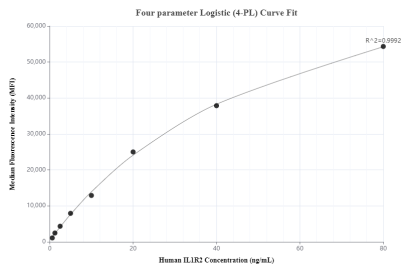
Plasma of six individual healthy human donors was measured. The IL-1R2 concentration of detected samples was determined to be 19.2 ng/mL with a range of 13.8-29.5 ng/mL.



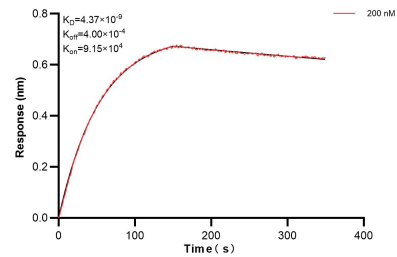
Serum of six individual healthy human donors was measured. The IL-1R2 concentration of detected samples was determined to be 20.7 ng/mL with a range of 17.9-23.0 ng/mL.



Cytometric bead array standard curve of MP01178-2, IL-1R2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84269-4-PBS. Detection antibody: 84269-1-PBS. Standard: Eg0118. Range: 0.625-80 ng/mL.



Cytometric bead array standard curve of MP01178-3, IL-1R2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84269-1-PBS. Detection antibody: 84269-3-PBS. Standard: Eg0118. Range: 0.625-80 ng/mL.



Bi-layer interferometry (BLI) kinetic assay of 84269-1-PBS against Human IL-1R2 was performed. The affinity constant is 4.37 nM.