

For Research Use Only

# IL-1R1 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00062-3

## Capture Antibody Information

Catalog Number:

84788-3-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

242245A9

Reactivity:

human

Conjugate:

Unconjugated

Full name:

interleukin 1 receptor, type I

Gene ID:

3554

## Detection Antibody Information

Catalog Number:

84788-1-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

242245A10

Reactivity:

human

GenBank:

NM\_000877.4

Conjugate:

Unconjugated

Full name:

interleukin 1 receptor, type I

Gene ID:

3554

## Applications

Tested Applications:

Cytometric bead array, Sandwich ELISA

Range:

0.625-40 ng/mL (Cytometric Bead Array)  
78.1-5000 pg/mL (Sandwich ELISA)

Recommended Dilutions:

It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP00062-3 targets IL-1R1 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: IL1R1 Recombinant antibody, PBS Only (Capture) 84788-3-PBS (242245A9). 100 µg. Concentration 1 mg/ml.

Detection antibody: IL1R1 Recombinant antibody, PBS Only (Detector) 84788-1-PBS (242245A10). 100 µg. Concentration 1 mg/ml.

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

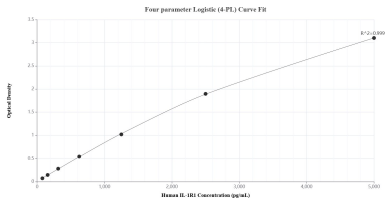
For technical support and original validation data for this product please contact:

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

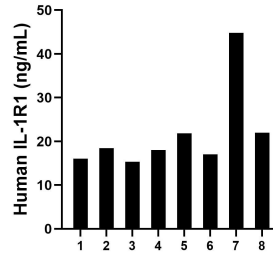
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

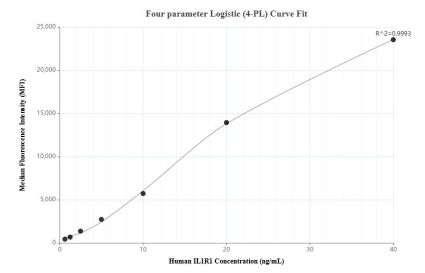
## Selected Validation Data



Sandwich ELISA standard curve of MP00062-3, Human IL-1R1 Recombinant Matched Antibody Pair - PBS only. 84788-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3002. 84788-1-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.



Serum of eight individual healthy human donors was measured. The IL-1R1 concentration of detected samples was determined to be 21.7 ng/mL with a range of 15.3-44.8 ng/mL.



Cytometric bead array standard curve of MP00062-3, IL-1R1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84788-3-PBS. Detection antibody: 84788-1-PBS. Standard: Eg3002. Range: 0.625-40 ng/mL.