

For Research Use Only



# PAR1/Thrombin Receptor Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP02430-1

## Capture Antibody Information

Catalog Number:

86179-3-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

250720B11

Reactivity:

human

Immunogen Catalog Number:

Ag24378

Conjugate:

Unconjugated

Full name:

coagulation factor II (thrombin)

receptor

Gene ID:

2149

## Detection Antibody Information

Catalog Number:

86179-2-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

250720C2

Reactivity:

human

GenBank:

BC051909

Immunogen Catalog Number:

Ag24378

Conjugate:

Unconjugated

Full name:

coagulation factor II (thrombin)

receptor

Gene ID:

2149

## Applications

Tested Applications:

Sandwich ELISA

Range:

0.313-20 ng/mL (Sandwich ELISA)

Recommended Dilutions:

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

## Product Information

MP02430-1 targets PAR1/Thrombin Receptor in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: F2R Recombinant antibody, PBS Only (Capture) 86179-3-PBS (250720B11). 100 µg. Concentration 1 mg/mL.

Detection antibody: F2R Recombinant antibody, PBS Only (Detector) 86179-2-PBS (250720C2). 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:

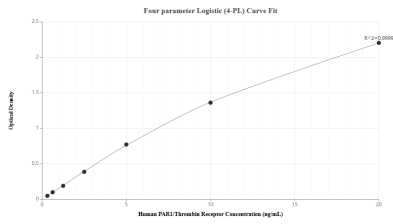
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

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

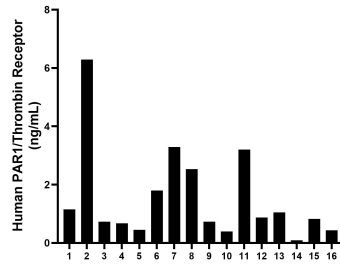
W: [ptglab.com](http://ptglab.com)

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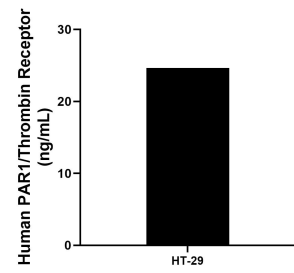
## Selected Validation Data



Sandwich ELISA standard curve of MP02430-1, Human PAR1/Thrombin Receptor Recombinant Matched Antibody Pair - PBS only. 86179-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag24378. 86179-2-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



Serum of sixteen individual healthy human donors was measured. The human PAR1/Thrombin Receptor concentration of detected samples was determined to be 1.53 ng/mL with a range of 0.09 - 6.29 ng/mL.



The mean PAR1/Thrombin Receptor concentration was determined to be 24.63 ng/mL in HT-29 cell extract based on a 1.5 mg/mL extract load.