

# CD177 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01180-2**

## Capture Antibody Information

**Catalog Number:**

84293-2-PBS

**Host:**

Rabbit

**Isotype:**

IgG

**Purification Method:**

Protein A purification

**Clone ID:**

241339F10

**Reactivity:**

human

**Conjugate:**

Unconjugated

**Full name:**

CD177 molecule

**Gene ID:**

57126

## Detection Antibody Information

**Catalog Number:**

84293-1-PBS

**Host:**

Rabbit

**Isotype:**

IgG

**Purification Method:**

Protein A purification

**Clone ID:**

241339E6

**Reactivity:**

human

**GenBank:**

BC029167

**Conjugate:**

Unconjugated

**Full name:**

CD177 molecule

**Gene ID:**

57126

## Applications

**Tested Applications:**

Cytometric bead array, Sandwich ELISA

**Range:**

0.625-40 ng/mL (Cytometric Bead Array)  
0.625-40 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

MP01180-2 targets CD177 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: CD177 Recombinant antibody, PBS Only (Capture) 84293-2-PBS (241339F10). 100 µg. Concentration 1 mg/mL.

Detection antibody: CD177 Recombinant antibody, PBS Only (Detector) 84293-1-PBS (241339E6). 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

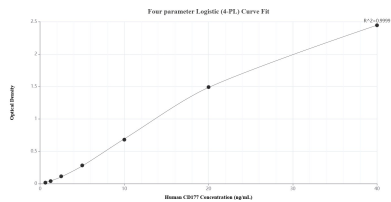
For technical support and original validation data for this product please contact:

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

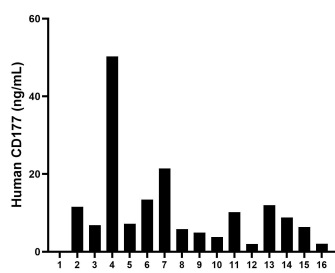
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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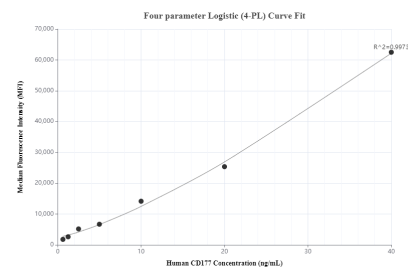
Selected Validation Data



Sandwich ELISA standard curve of MP01180-2, Human CD177 Recombinant Matched Antibody Pair - PBS only. 84293-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard RP02353. 84293-1-PBS was HRP conjugated as the detection antibody. Range: 0.625-40 ng/mL



Serum of sixteen individual healthy human donors was measured. The CD177 concentration of detected samples was determined to be 10.42 ng/mL with a range of ND-50.27 ng/mL



Cytometric bead array standard curve of MP01180-2, CD177 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84293-2-PBS. Detection antibody: 84293-1-PBS. Standard: RP02353. Range: 0.625-40 ng/mL