

For Research Use Only

# CD45 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP01280-1

## Capture Antibody Information

**Catalog Number:**  
84405-4-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
241671G12  
**Reactivity:**  
human  
**GenBank:**

**Conjugate:**  
Unconjugated  
**Full name:**  
protein tyrosine phosphatase, receptor type, C  
**Gene ID:**  
5788

## Detection Antibody Information

**Catalog Number:**  
84405-3-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
241671A10  
**Reactivity:**  
human  
**GenBank:**

**Conjugate:**  
Unconjugated  
**Full name:**  
protein tyrosine phosphatase, receptor type, C  
**Gene ID:**  
5788

## Applications

**Tested Applications:**  
Cytometric bead array

**Range:**  
0.625-80 ng/mL (Cytometric Bead Array)

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

## Product Information

MP01280-1 targets CD45 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: CD45(220-577) Recombinant antibody, PBS Only (Capture) 84405-4-PBS (241671G12). 100 µg. Concentration 1 mg/ml.

Detection antibody: CD45(220-577) Recombinant antibody, PBS Only (Detector) 84405-3-PBS (241671A10). 100 µg. Concentration 1 mg/ml.

Alternative CD45 matched antibody pairs: MP00412-1, MP00412-2, MP00412-3, MP00412-4, MP01280-2, MP50221-1, MP50221-2, MP50221-3, MP50221-4

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.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**  
**Storage buffer:**  
PBS only

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

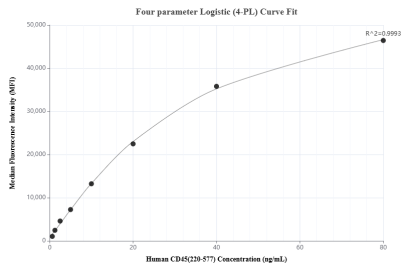
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

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

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

## Selected Validation Data



Cytometric bead array standard curve of MP01280-1, CD45 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84405-4-PBS. Detection antibody: 84405-3-PBS. Standard: Eg2486. Range: 0.625-80 ng/mL