

For Research Use Only

# CD28 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00136-1

## Capture Antibody Information

**Catalog Number:**  
83032-1-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
230276C11  
**Reactivity:**  
Human  
**GenBank:**  
BC093698  
**Immunogen Catalog Number:**  
Ag15942

**Conjugate:**  
Unconjugated  
**Full name:**  
CD28 molecule  
**Gene ID:**  
940  
**Affinity:**  
 $K_D = 7.10 \times 10^{-10}$   
 $K_{Off} = 1.85 \times 10^{-4}$   
 $K_{On} = 2.61 \times 10^5$

## Detection Antibody Information

**Catalog Number:**  
83032-2-PBS  
**Host:**  
Rabbit  
**Isotype:**  
IgG  
**Purification Method:**  
Protein A purification

**Clone ID:**  
230276G6  
**Reactivity:**  
Human  
**GenBank:**  
BC093698  
**Immunogen Catalog Number:**  
Ag15942

**Conjugate:**  
Unconjugated  
**Full name:**  
CD28 molecule  
**Gene ID:**  
940  
**Affinity:**  
 $K_D = 4.51 \times 10^{-10}$   
 $K_{Off} = 1.00 \times 10^{-4}$   
 $K_{On} = 2.22 \times 10^5$

## Applications

**Tested Applications:**  
Sandwich ELISA

**Range:**  
0.156-10 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

MP00136-1 targets CD28 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: CD28 Recombinant antibody, PBS Only (Capture) 83032-1-PBS (230276C11). 100  $\mu$ g. Concentration 1 mg/ml.

Detection antibody: CD28 Recombinant antibody, PBS Only (Detector) 83032-2-PBS (230276G6). 100  $\mu$ g. Concentration 1 mg/ml.

Alternative CD28 matched antibody pairs: MP00136-2, MP00136-3, MP00136-4

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.  
**Storage buffer:**  
PBS only

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

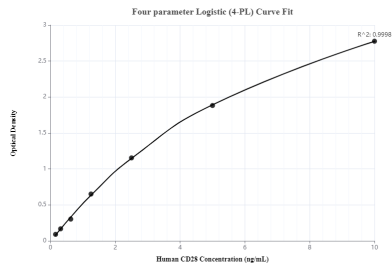
T: 4006900926

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



Sandwich ELISA standard curve of MP00136-1, CD28 Recombinant Matched Antibody Pair - PBS only. Capture antibody: 83032-1-PBS. Detection antibody: 83032-2-PBS. Standard: Ag15942. Range: 0.156-10 ng/mL