

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
Immunogen Catalog Number:
Ag15942

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

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:
 $K_D = 4.51 \times 10^{-10}M$
 $K_{Off} = 1.00 \times 10^{-4}M$
 $K_{On} = 2.22 \times 10^5M$

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 µg. Concentration 1 mg/mL.

Detection antibody: CD28 Recombinant antibody, PBS Only (Detector) 83032-2-PBS (230276G6). 100 µg. 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

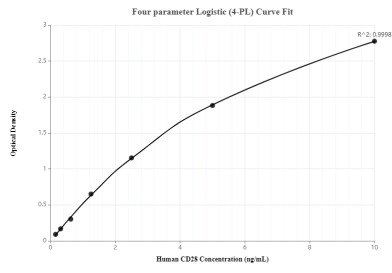
For technical support and original validation data for this product please contact:

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

E: proteintech@ptglab.com
W: 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 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