

For Research Use Only

CD46 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP01445-3

Capture Antibody Information

Catalog Number:
84599-1-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
241764A11
Reactivity:
human
GenBank:
NM_172351.3

Conjugate:
Unconjugated
Full name:
CD46 molecule, complement regulatory protein
Gene ID:
4179

Detection Antibody Information

Catalog Number:
84599-6-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
241764E1
Reactivity:
human
GenBank:
NM_172351.3

Conjugate:
Unconjugated
Full name:
CD46 molecule, complement regulatory protein
Gene ID:
4179

Applications

Tested Applications:
Sandwich ELISA

Range:
39.1-2500 pg/mL (Sandwich ELISA)

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

Product Information

MP01445-3 targets CD46 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: CD46 Recombinant antibody, PBS Only (Capture) 84599-1-PBS (241764A11). 100 µg. Concentration 1 mg/mL.

Detection antibody: CD46 Recombinant antibody, PBS Only (Detector) 84599-6-PBS (241764E1). 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.
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:

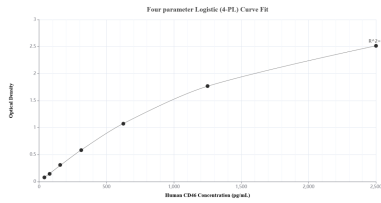
T: 4006900926

E: Proteintech-CN@ptglab.com

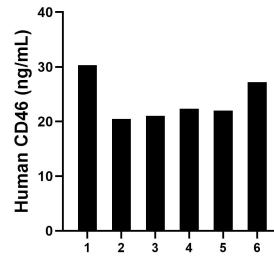
W: ptgcn.com

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

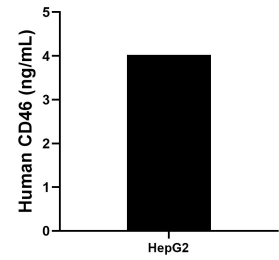
Selected Validation Data



Sandwich ELISA standard curve of MP01445-3, Human CD46 Recombinant Matched Antibody Pair - PBS only. 84599-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1770. 84599-6-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL



Serum of six individual healthy human donors was measured. The CD46 concentration of detected samples was determined to be 23.9 ng/mL with a range of 20.5-30.3 ng/mL.



HepG2 cells were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 µg/mL streptomycin sulfate. An aliquot of the cell culture supernatant was removed, assayed for human CD46, and measured 4.0 ng/mL.