

CD68 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01429-3**

Capture Antibody Information

Catalog Number:
84596-3-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
241810G1

Reactivity:
human

GenBank:
BC015557

Conjugate:
Unconjugated

Full name:
CD68 molecule

Gene ID:
968

Detection Antibody Information

Catalog Number:
84596-5-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
241810D1

Reactivity:
human

GenBank:
BC015557

Conjugate:
Unconjugated

Full name:
CD68 molecule

Gene ID:
968

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

MP01429-3 targets CD68 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: CD68 Recombinant antibody, PBS Only (Capture/Detector) 84596-3-PBS (241810G1). 100 µg. Concentration 1 mg/mL.

Detection antibody: CD68 Recombinant antibody, PBS Only (Detector) 84596-5-PBS (241810D1). 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:

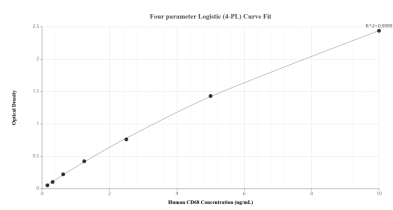
Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

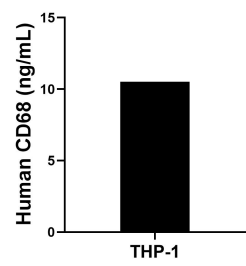
Storage buffer:

PBS only

Selected Validation Data



Sandwich ELISA standard curve of MP01429-3, Human CD68 Recombinant Matched Antibody Pair - PBS only. 84596-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2061. 84596-5-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



The mean CD68 concentration was determined to be 10.53 ng/mL in THP-1 cell extract based on a 4.40 mg/mL extract load.