

CCL22/MDC Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01238-4**

Capture Antibody Information

Catalog Number:

84370-5-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

241668D9

Reactivity:

human

GenBank:

BC027952

Conjugate:

Unconjugated

Full name:

chemokine (C-C motif) ligand 22

Gene ID:

6367

Detection Antibody Information

Catalog Number:

84370-6-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

241668E6

Reactivity:

human

GenBank:

BC027952

Conjugate:

Unconjugated

Full name:

chemokine (C-C motif) ligand 22

Gene ID:

6367

Applications

Tested Applications:

Sandwich ELISA

Range:

2.50-160 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

MP01238-4 targets CCL22/MDC in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: CCL22 Recombinant antibody, PBS Only (Capture) 84370-5-PBS (241668D9). 100 µg. Concentration 1 mg/mL.

Detection antibody: CCL22 Recombinant antibody, PBS Only (Detector) 84370-6-PBS (241668E6). 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:

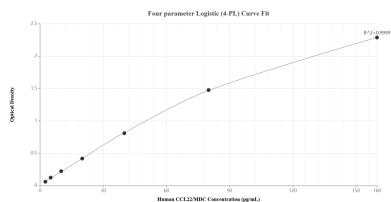
Store at -80°C.

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

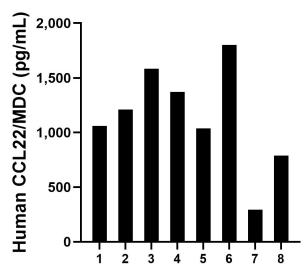
Storage buffer:

PBS only

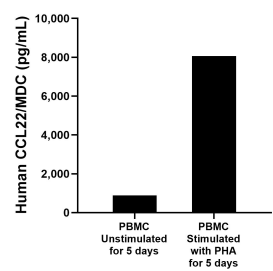
Selected Validation Data



Sandwich ELISA standard curve of MP01238-4, Human CCL22/MDC Recombinant Matched Antibody Pair - PBS only. 84370-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1974. 84370-6-PBS was HRP conjugated as the detection antibody. Range: 2.50-160 pg/mL



Serum of eight individual healthy human donors was measured. The CCL22/MDC concentration of detected samples was determined to be 1,143.1 pg/mL with a range of 293.4-1,800.4 pg/mL.



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 μ g/mL PHA for 5 days. The mean CCL22/MDC concentration was determined to be 884.9 pg/mL in unstimulated PBMC supernatant, 8,063.7 pg/mL in PHA stimulated PBMC supernatant.