For Research Use Only

# Mouse CXCL10/IP-10 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP03346-1

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## Capture Antibody Information

Catalog Number:
88158-2-PBS

Clone ID:
253219C1

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
mouse

Full name:
chemokine (C-X-C motif) ligand 10

Isotype:
IgG

GenBank:
NM_021274.2

Gene ID:
15945

Purification Method:
Protein A purification

Immunogen Catalog Number:
Eg5063

## Detection Antibody Information

Catalog Number:
88158-1-PBS

Clone ID:
253219D12

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
mouse

Full name:
chemokine (C-X-C motif) ligand 10

Isotype:
IgG

GenBank:
NM_021274.2

Gene ID:
15945

Purification Method:
Protein A purification

Immunogen Catalog Number:
Eg5063

## Applications

Tested Applications:
Cytometric bead array

Range:
0.781-100 ng/mL (Cytometric Bead Array)

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

## Product Information

MP03346-1 targets CXCL10/IP-10 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: Mouse CXCL10/IP-10 Recombinant monoclonal antibody, PBS Only (Capture) 88158-2-PBS (253219C1). 100 μg. Concentration 1 mg/ml.

Detection antibody: Mouse CXCL10/IP-10 Recombinant monoclonal antibody, PBS Only (Detector) 88158-1-PBS (253219D12). 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.

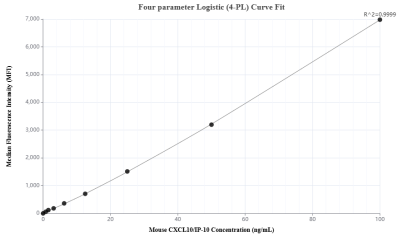
## Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

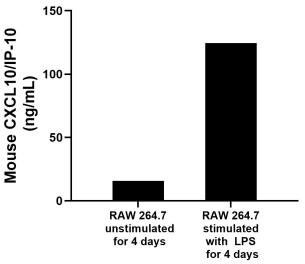
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

## Selected Validation Data




Cytometric bead array standard curve of MP03346-1, MOUSE CXCL10/IP-10 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 88158-2-PBS. Detection antibody: 88158-1-PBS. Standard: Eg5063. Range: 0.781-100 ng/mL.




RAW 264.7 mouse monocyte/macrophage cells (3.5 x 106cells/mL) were cultured in DMEM supplemented with 8% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 μg/mL streptomycin sulfate. Cells were cultured unstimulated or stimulated with 1 μg/mL LPS for 4 days. Aliquots of the cell culture supernates were removed and assayed for levels of mouse CXCL10/IP-10, and measured 15.6 ng/mL,124.5 ng/mL, respectively.