For Research Use Only

# Mouse CXCL10/IP-10 Recombinant monoclonal antibody, PBS Only (Capture/Detector)

Catalog Number:88158-2-PBS

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

## Basic Information

Catalog Number:
88158-2-PBS

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG5063

GenBank Accession Number:
NM_021274.2

GeneID (NCBI):
15945

UNIPROT ID:
Q548V9

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

Calculated MW:
11KD

Purification Method:
Protein A purification

CloneNo.:
253219C1

## Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA

Species Specificity:
mouse

## Background Information

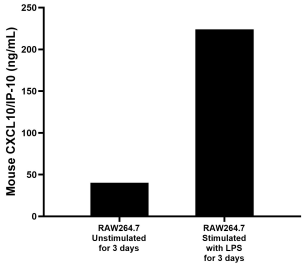
## Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

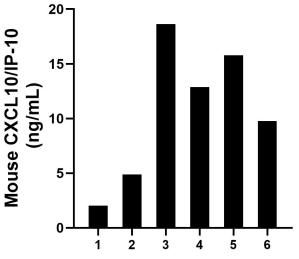
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

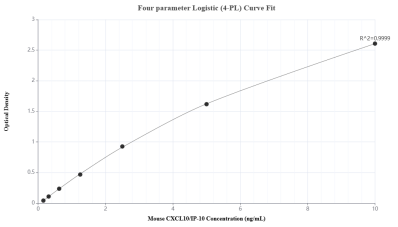
## Selected Validation Data



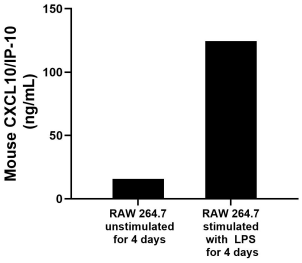

RAW 264.7 were cultured unstimulated or stimulated with 1 ug/mL LPS for 3 days. The mean CXCL10/IP-10 concentration was determined to be 40.2 ng/mL in unstimulated supernatant, 223.85 ng/mL in LPS stimulated supernatant.



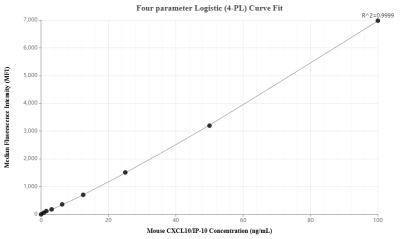

Serum of six mice was measured. The CXCL10/IP-10 concentration of detected samples was determined to be 10.66 ng/mL with a range of 2.04-18.64 ng/mL.




Sandwich ELISA standard curve of MP03346-2, Mouse CXCL10/IP-10 Recombinant Matched Antibody Pair - PBS only. 88158-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg5063. 88158-2-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 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.




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