

For Research Use Only

FcZero-rAb® Biotin Anti-Human MCP-1/CCL2 Rabbit Recombinant Antibody

Catalog Number: Biotin-FcA98044



Basic Information

Catalog Number:

Biotin-FcA98044

Concentration:

100ug, 500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG31375

GenBank Accession Number:

BC009716

GeneID (NCBI):

6347

UNIPROT ID:

P13500

Full Name:

chemokine (C-C motif) ligand 2

Calculated MW:

99 aa, 11 kDa

Purification Method:

Protein A purification

CloneNo.:

230270A7

Recommended Dilutions:

FC (Intra): 0.25 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

-

Applications

Tested Applications:

FC (Intra), ELISA

Species Specificity:

human

Positive Controls:

FC (Intra) : PMA, LPS and Brefeldin A treated THP-1 cells,

Background Information

Monocyte chemoattractant protein 1 (MCP-1; also known as CCL2), is chemotactic for monocyte/macrophage, B-cell, and T-lymphocyte, and belongs to the CC subfamily of chemokines. Chemokines are a superfamily of secreted proteins involved in immunoregulatory and inflammatory processes. The human ortholog has been implicated in the pathogenesis of diseases characterized by monocytic infiltrates, such as psoriasis, rheumatoid arthritis, and atherosclerosis.

Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

For technical support and original validation data for this product please contact:

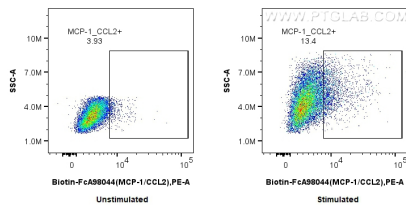
T: 4006900926

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



1x10⁶ untreated or PMA, LPS and Brefeldin A treated THP-1 cells were intracellularly stained with 0.25 ug Biotin Anti-Human MCP-1/CCL2 Rabbit RecAb (Biotin-FcA98044, Clone: 230270A7) and PE Streptavidin (Cat.No. PF00021). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer.