

For Research Use Only

# FcZero-rAb® Biotin Anti-Human CCL20/MIP-3 alpha Rabbit Recombinant Antibody

Catalog Number: Biotin-FcA98221



## Basic Information

Catalog Number:

Biotin-FcA98221

Concentration:

100ug, 500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2398

GenBank Accession Number:

NM\_004591.3

GeneID (NCBI):

6364

UNIPROT ID:

P78556-1

Full Name:

chemokine (C-C motif) ligand 20

Calculated MW:

11kDa

Purification Method:

Protein A purification

CloneNo.:

241694B2

Recommended Dilutions:

FC (Intra): 0.25 ug per 10<sup>6</sup> 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

CCL20, also known as macrophage infiltrating factor protein 3<sup>a</sup>, is a C-C chemokine that specifically binds to the receptor CCR6. CCL20 is produced in various tissues and by a wide range of immune cells, including neutrophils, natural killer cells, T-helper type 17 (Th17) cells, B cells, and various antigen-presenting cells, such as dendritic cells (DCs), Langerhans cells, and macrophages. Increased expression of CCL20 is likely involved in the increased recruitment of dendritic cells observed in fibroinflammatory diseases such as chronic obstructive pulmonary disease (COPD). CCL20 expression is increased by the proinflammatory cytokine IL-1 beta.

## 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:

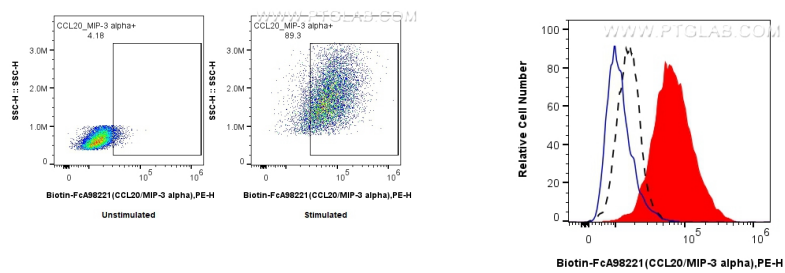
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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

Selected Validation Data



1x10<sup>6</sup> untreated or PMA, LPS and Brefeldin A treated THP-1 cells were surface stained with 0.25 ug Biotin Anti-Human CCL20/MIP-3 alpha Rabbit RecAb (Biotin-FcA98221, Clone: 241694B2) and PE Streptavidin (Cat.No. PF00021). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer.

1x10<sup>6</sup> PMA, LPS and Brefeldin A treated THP-1 cells were surface stained with 0.25 ug Biotin Anti-Human CCL20/MIP-3 alpha Rabbit RecAb (Biotin-FcA98221, Clone: 241694B2) (red) or 0.25 ug FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9) (blue). 1x10<sup>6</sup> untreated cells were surface stained with 0.25 ug Biotin Anti-Human CCL20/MIP-3 alpha Rabbit RecAb (Biotin-FcA98221, Clone: 241694B2) (black, dashed). Cells were fixed