

For Research Use Only

FcZero-rAb® CoraLite® Plus 647 Anti-Human CCL20/MIP-3 alpha Rabbit Recombinant Antibody

Catalog Number: CL647-FcA98221



Basic Information

Catalog Number:

CL647-FcA98221

Concentration:

100 tests, 5 µl/test

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): 5 µl per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

654 nm / 674 nm

Applications

Tested Applications:

FC (Intra)

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^α, 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 and 0.5% BSA, pH7.3

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

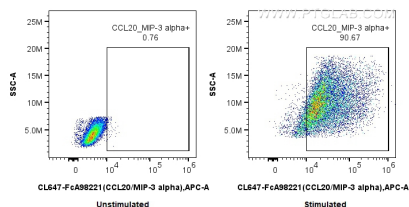
T: 4006900926

E: Proteintech-CN@ptglab.com

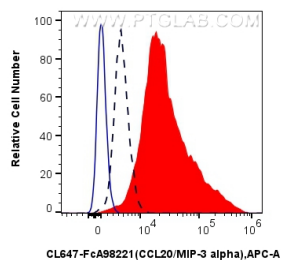
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Selected Validation Data



1x10⁶ untreated or PMA, LPS and Brefeldin A treated THP-1 cells were intracellularly stained with 5 ul CoraLite® Plus 647 Anti-Human CCL20/MIP-3 alpha Rabbit RecAb (CL647-FcA98221, Clone: 241694B2). Cells were incubated with MonoZero™ Human Fc Blocking Reagent (PF00032) prior to staining. Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019).



1x10⁶ PMA, LPS and Brefeldin A treated THP-1 cells were intracellularly stained with 5 ul CoraLite® Plus 647 Anti-Human CCL20/MIP-3 alpha Rabbit RecAb (CL647-FcA98221, Clone: 241694B2) (red) or FcZero-rAb® CoraLite® Plus 647 Rabbit IgG Isotype Control Recombinant Antibody (CL647-FcA98136, Clone: 240953C9) (blue). 1x10⁶ untreated THP-1 cells were intracellularly stained with 5 ul CoraLite® Plus 647 Anti-Human CCL20/MIP-3 alpha Rabbit RecAb

