

For Research Use Only

FcZero-rAb® PE-Cyanine7 Anti-Mouse MCP-1/CCL2 Rabbit Recombinant Antibody

Catalog Number: PY7-FcA98028



Basic Information

Catalog Number:

PY7-FcA98028

Concentration:

100ug, 200 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG0427

GenBank Accession Number:

NM-011333

GeneID (NCBI):

20296

UNIPROT ID:

P10148

Full Name:

chemokine (C-C motif) ligand 2

Purification Method:

Protein A purification

CloneNo.:

230483A9

Recommended Dilutions:

FC (Intra): 0.1 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

496 nm, 565 nm / 778 nm

Applications

Tested Applications:

FC (Intra)

Species Specificity:

mouse

Positive Controls:

FC (Intra): LPS and Brefeldin A treated RAW 264.7 cells,

Background Information

Monocyte chemoattractant protein 1 (MCP-1), also known as CCL2, is chemotactic for monocyte/macrophage, B cell, and T cell, 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 and 0.5% BSA, pH7.3

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

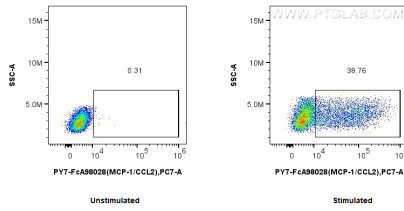
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ untreated or LPS and Brefeldin A treated RAW 264.7 cells were intracellularly stained with 0.1 ug PE-Cyanine7 Anti-Mouse MCP-1/CCL2 Rabbit RecAb (PY7-FcA98028, Clone: 230483A9). Cells were incubated with MonoZero™ Monocytes blocking Reagent (PF00020) prior to staining. Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019).