

For Research Use Only

Anti-Rat CCL4/MIP-1 beta Rabbit Recombinant Antibody

Catalog Number: 98770-4-RR



Basic Information

Catalog Number:

98770-4-RR

Size:

100ug, 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG3200

GenBank Accession Number:

NM_053858.1

GeneID (NCBI):

116637

UNIPROT ID:

P50230

Full Name:

chemokine (C-C motif) ligand 4

Calculated MW:

10 kDa

Purification Method:

Protein A purification

CloneNo.:

251973F1

Recommended Dilutions:

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

Applications

Tested Applications:

FC (Intra)

Species Specificity:

rat

Positive Controls:

FC (Intra): LPS treated NR8383 cells, Transfected HEK-293T cells

Background Information

CCL4, also known as Macrophage inflammatory protein-1β (MIP-1β), is a CC chemokine with specificity for CCR5 receptors, and is one of the major HIV-suppressive factors produced by CD8+ T-cells. MIP-1β is an acidic protein composed of 69 amino acids that is produced by many cells, particularly macrophages, dendritic cells, and lymphocytes. MIP-1β is responsible for the activation of PMN and is involved in acute neutrophilic inflammation. Recombinant MIP-1β induces a dose-dependent inhibition of different strains of HIV-1, HIV-2, and simian immunodeficiency virus (SIV).

Storage

Storage:

Store at 2 - 8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

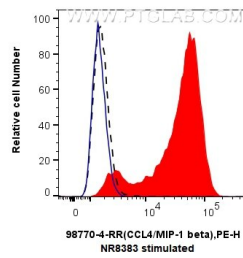
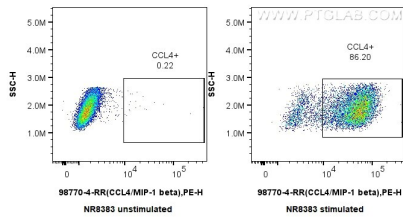
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ untreated or LPS-treated NR8383 cells were intracellularly stained with 0.25 ug Anti-Rat CCL4/MIP-1 beta Rabbit RecAb (98770-4-RR, Clone: 251973F1) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019).

1x10⁶ LPS treated NR8383 cells were intracellularly stained with 0.25 ug Anti-Rat CCL4/MIP-1 beta Rabbit RecAb (98770-4-RR, Clone: 251973F1)(red) or Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). 1x10⁶ untreated NR8383 were surface stained with 0.25 ug Anti-Rat CCL4/MIP-1 beta Rabbit RecAb (98770-4-RR, Clone: 251973F1) and PE-Conjugated Goat Anti-Rabbit IgG(H+L)

