

For Research Use Only

Anti-Mouse CCL9 Rabbit Recombinant Antibody

Catalog Number: 98475-1-RR



Basic Information

Catalog Number:

98475-1-RR

Concentration:

100ug, 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG3336

GenBank Accession Number:

NM_011338.2

GeneID (NCBI):

20308

UNIPROT ID:

Q3U9T8

Full Name:

chemokine (C-C motif) ligand 9

Calculated MW:

14kD

Purification Method:

Protein A purification

CloneNo.:

243103H5

Recommended Dilutions:

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

Applications

Tested Applications:

FC (Intra)

Species Specificity:

mouse

Positive Controls:

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

Background Information

Mouse C-C motif ligand 9 (CCL9), alternatively named macrophage inflammatory protein 1 γ (MIP-1 γ), was identified in 1995 and is homologous to the mouse CCL6, as well as human CCL23 and CCL15. It is noted that CCL9 is also known by various names such as macrophage inflammatory protein-1 gamma (MIP-1), macrophage inflammatory protein-related protein-2 (MRP-2) and CCF18 in rodents. Monocytes and myeloid cell lines produce large quantities of CCL9, as do dendritic cells and T cells, in particular Th1 type T cells. Despite high baseline levels in circulation, it has become apparent that concentrations of CCL9 vary greatly in specific tissues with profound effects on health. For example, in the bone, CCL9 is produced at even higher levels, and is critical to osteoclast versus osteoblast differentiation of macrophages. There are also indications of a timed specific induction of CCL9 in skin wound healing and follicle-associated epithelium of the gut.

Storage

Storage:

Store at 2 - 8°C. 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:

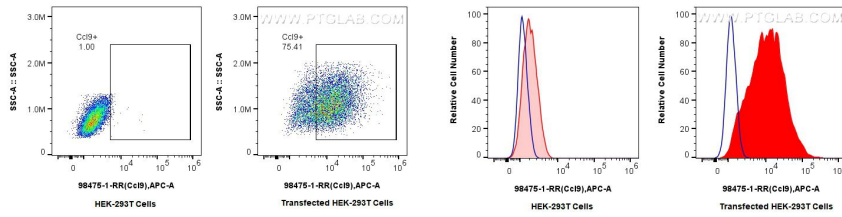
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Selected Validation Data



1x10⁶ HEK-293T cells (left) or CCL9-transfected HEK-293T cells (right) were intracellularly stained with 0.25 ug Anti-Mouse CCL9 Rabbit RecAb (98475-1-RR, Clone: 243103H5) and APC-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).

1x10⁶ HEK-293T cells (left) or CCL9-transfected HEK-293T cells (right) were intracellularly stained with 0.25 ug Anti-Mouse CCL9 Rabbit RecAb (98475-1-RR, Clone:243103H5) (red) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and APC-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).