

For Research Use Only

Anti-Mouse CCL20/MIP-3 alpha Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98519-1-PBS



Basic Information

Catalog Number: 98519-1-PBS	GenBank Accession Number: NM_001159738.1	Purification Method: Protein A purification
Size: 1mg, 3 mg/ml	GeneID (NCBI): 20297	CloneNo.: 250239E12
Source: Rabbit	UNIPROT ID: Q642U4	
Isotype: IgG	Full Name: chemokine (C-C motif) ligand 20	
Immunogen Catalog Number: EG3311	Calculated MW: 11KD	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
mouse

Background Information

CCL20, also known as macrophage infiltrating factor protein 3a, 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.

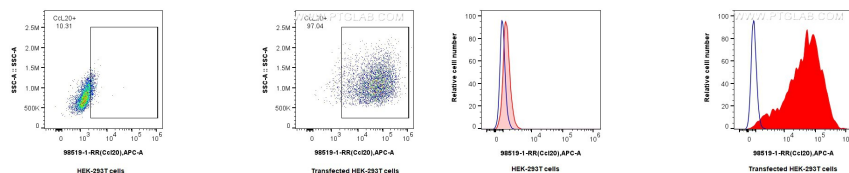
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



1x10⁶ HEK-293T cells or CCL20/MIP-3 alpha transfected HEK-293T cells were intracellularly stained with 0.25 ug Anti-Mouse CCL20/MIP-3 alpha Rabbit RecAb (98519-1-RR, Clone: 250239E12) and APC-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 98519-1-PBS in a different storage buffer formulation.

1x10⁶ HEK-293T cells or CCL20/MIP-3 alpha-transfected HEK-293T cells were intracellularly stained with 0.25 ug Anti-Mouse CCL20/MIP-3 alpha Rabbit RecAb (98519-1-RR, Clone: 250239E12) (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). This data was developed using the same

