

For Research Use Only

Anti-Mouse MCP-1/CCL2 Rabbit Recombinant Antibody

Catalog Number: 98028-1-RR



Basic Information

Catalog Number: 98028-1-RR	GenBank Accession Number: NM-011333	Purification Method: Protein A purification
Size: 100ug, 1 mg/ml	GeneID (NCBI): 20296	CloneNo.: 230483A9
Source: Rabbit	UNIPROT ID: P10148	
Isotype: IgG	Full Name: chemokine (C-C motif) ligand 2	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
mouse

Background Information

Monocyte chemoattractant protein 1 (MCP-1; also known as CCL2), is chemotactic for monocyte/macrophage, B-cell, and T-lymphocyte, 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. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide.

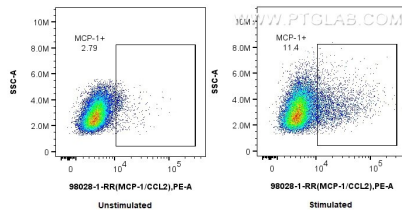
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

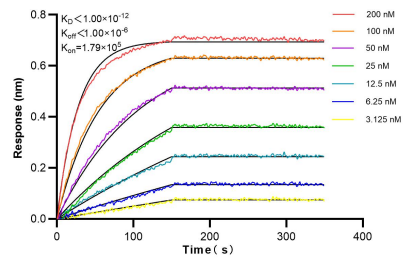
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W: ptglab.com

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Selected Validation Data



1x10⁶ untreated or LPS and Brefeldin A treated RAW 264.7 cells were intracellularly stained with 0.25 ug Anti-Mouse MCP-1/CCL2 Rabbit RecAb (98028-1-RR, Clone: 230483A9) and PE-conjugated Goat Anti-Rabbit IgG. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Biolayer interferometry (BLI) kinetic assays of 98028-1-RR against Mouse Mcp1 were performed. The affinity constant is below 1 nM.