

For Research Use Only

Anti-Mouse CCL7/MCP-3 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98555-1-PBS



Basic Information

Catalog Number: 98555-1-PBS	GenBank Accession Number: NM_013654.3	Purification Method: Protein A purification
Concentration: 1mg, 3 mg/ml	GeneID (NCBI): 20306	CloneNo.: 250662G6
Source: Rabbit	UNIPROT ID: Q03366	
Isotype: IgG	Full Name: chemokine (C-C motif) ligand 7	
Immunogen Catalog Number: EG4626	Calculated MW: 11kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
mouse

Background Information

The chemokine CCL7 (MCP3) is a chemotactic factor and potent attractant of monocytes firstly characterized from the culture supernatants of MG-63 osteosarcoma cells. CCL7 is known to promote the recruitment of many innate immune cell types including monocytes and neutrophils to sites of bacterial and viral infection and eosinophils and basophils to sites of allergic inflammation. CCL7 is expressed at low levels in endothelial cells, fibroblasts and mononuclear cells and upregulated by various stimuli including viruses, type I or type II interferons (IFNs). CCL7 (MCP-3) mediates effects on a host of innate and adaptive immune cell types through binding to numerous receptors including CCR1, CCR2, CCR3, CCR5, and CCR10.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

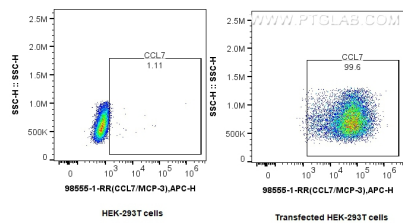
T: 4006900926

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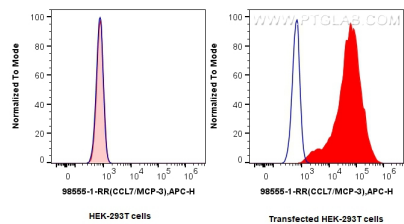
W: ptgcn.com

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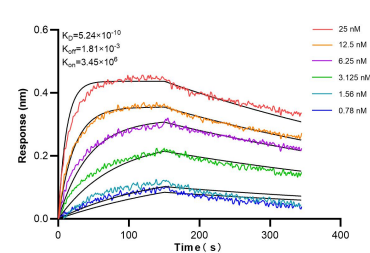
Selected Validation Data



1x10⁶ HEK-293T cells or CCL7/MCP-3 transfected HEK-293T cells were intracellularly stained with 0.25 ug Anti-Mouse CCL7/MCP-3 Rabbit RecAb (98555-1-RR, Clone: 250662G6) and APC-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were fixed with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019). This data was developed using the same antibody clone with 98555-1-PBS in a different storage buffer formulation.



1x10⁶ HEK-293T cells or CCL7/MCP-3 transfected HEK-293T cells were intracellularly stained with 0.25 ug Anti-Mouse CCL7/MCP-3 Rabbit RecAb (98555-1-RR, Clone:250662G6) 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 Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019). This data was developed using the same antibody



Biolayer interferometry (BLI) kinetic assays of 98555-1-RR against Mouse CCL7/MCP-3 were performed. The affinity constant is 0.524 nM.