For Research Use Only

PE Anti-Mouse CCL7/MCP-3 Rabbit Recombinant Antibody

Catalog Number:PE-98555

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Basic Information

Catalog Number:
PE-98555

Concentration:
100ug, 200 ug/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG4626

GenBank Accession Number:
NM_013654.3

GeneID (NCBI):
20306

UNIPROT ID:
Q03366

Full Name:
chemokine (C-C motif) ligand 7

Calculated MW:
11kDa

Purification Method:
Protein A purification

CloneNo.:
250662G6

Recommended Dilutions:
FC (Intra): 0.1 ug per 10^6 cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:
496 nm, 565 nm / 578 nm

Applications

Tested Applications:
FC (Intra)

Species Specificity:
mouse

Positive Controls:

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

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.

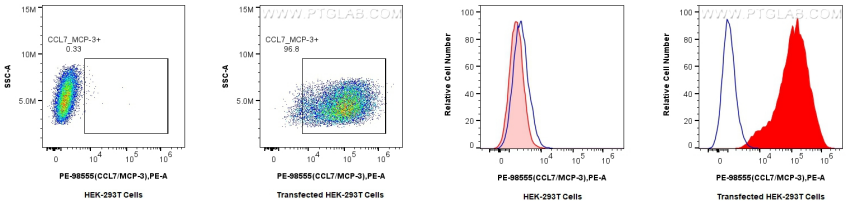
Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

Selected Validation Data



1x10^6 HEK-293T cells or CCL7/MCP-3 transfected HEK-293T cells were intracellularly stained with 0.1 ug PE Anti-Mouse CCL7/MCP-3 Rabbit RecAb (PE-98555, Clone: 250662G6). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019).

1x10^6 HEK-293T cells or CCL7/MCP-3 transfected HEK-293T cells were intracellularly stained with 0.1 ug PE Anti-Mouse CCL7/MCP-3 Rabbit RecAb (PE-98555, Clone: 250662G6) (red) or 0.1 ug PE Rabbit IgG Isotype Control Recombinant Antibody (PE-98136, Clone: 240953C9) (blue). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019).