

For Research Use Only

# CCL12/MCP-5 Recombinant antibody

Catalog Number: 86565-1-RR



## Basic Information

Catalog Number:	86565-1-RR	GenBank Accession Number:	NM_011331.2	Purification Method:	Protein A purification
Concentration:	1000 µg/ml	GenID (NCBI):	20293	CloneNo.:	250386A9
Source:	Rabbit	UNIPROT ID:	Q62401	Recommended Dilutions:	WB: 1:2000-1:10000
Isotype:	IgG	Full Name:	chemokine (C-C motif) ligand 12		
Immunogen Catalog Number:	EG3315	Calculated MW:	12KD		

## Applications

Tested Applications:	WB, ELISA	Positive Controls:
Species Specificity:	mouse	WB: Transfected with Mouse Ccl12 Transfected HEK-293T cells,

## Background Information

CCL12 (monocyte chemotactic protein-5, MCP-5) is a murine CC-chemokine encoded within the chemokine cluster on chromosome 11. It is the closest murine homologue of human MCP-1 (CCL2), sharing 66 % amino-acid identity, and signals exclusively through the G-protein-coupled receptor CCR2. CCL12 is produced by stromal cells, astrocytes, macrophages and, under inflammatory conditions, by lung and bone-marrow stromal cells. Its receptor, CCR2, is expressed on monocytes, memory T cells, NK cells, dendritic cells and basophils. Consequently, CCL12 potently chemoattracts monocytes, lymphocytes, eosinophils and bone-marrow-derived fibrocytes, but not neutrophils.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

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

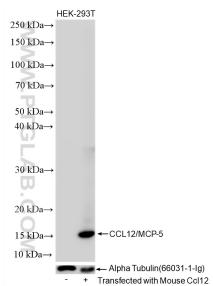
T: 4006900926

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



Non-transfected and CCL12-transfected HEK-293T cell lysates were subjected to SDS PAGE followed by western blot with 86565-1-RR (Ccl12 antibody) at a dilution of 1:5000, incubated at room temperature for 1.5 hours.