

For Research Use Only

# Mouse CCL12/MCP-5 Recombinant antibody, PBS Only

Catalog Number: 86565-1-PBS



## Basic Information

|                           |             |                           |                                 |                      |                        |
|---------------------------|-------------|---------------------------|---------------------------------|----------------------|------------------------|
| Catalog Number:           | 86565-1-PBS | GenBank Accession Number: | NM_011331.2                     | Purification Method: | Protein A purification |
| Concentration:            | 1 mg/ml     | GeneID (NCBI):            | 20293                           | CloneNo.:            | 250386A9               |
| Source:                   | Rabbit      | UNIPROT ID:               | Q62401                          |                      |                        |
| Isotype:                  | IgG         | Full Name:                | chemokine (C-C motif) ligand 12 |                      |                        |
| Immunogen Catalog Number: | EG3315      | Calculated MW:            | 12KD                            |                      |                        |

## Applications

Tested Applications:  
WB, Indirect ELISA  
Species Specificity:  
mouse

## 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 -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:

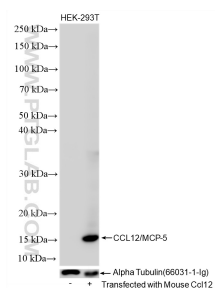
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## Selected Validation Data



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. This data was developed using the same antibody clone with 86565-1-PBS in a different storage buffer formulation.