

For Research Use Only

# CCL22/MDC Recombinant antibody, PBS Only (Detector)

Catalog Number: 84370-1-PBS



## Basic Information

Catalog Number:

84370-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC027952

GeneID (NCBI):

6367

UNIPROT ID:

O00626

Full Name:

chemokine (C-C motif) ligand 22

Calculated MW:

93 aa, 11 kDa

Purification Method:

Protein A purification

CloneNo.:

241668C10

## Applications

Tested Applications:

Cytometric bead array, Indirect ELISA

Species Specificity:

human, mouse

## Background Information

CCL22, also known as macrophage-derived chemokine (MDC), is a member of the CC chemokine family. It is primarily produced by myeloid cells such as macrophages and dendritic cells (DCs) under steady-state conditions. CCL22 plays a significant role in immune responses by regulating the migration of different subsets of leukocytes. It shares the same receptor, CCR4, which is predominantly expressed by Th2 cells, making CCL22 a key mediator in the development of Th2-dominant diseases such as atopic dermatitis and asthma. Elevated serum levels of CCL22 are observed in patients with these conditions. CCL22 is also expressed in several types of tumor cells and Foxp3+ regulatory T cells (Tregs), suggesting its involvement in attracting Tregs into the tumor microenvironment to evade immune attacks.

## 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

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

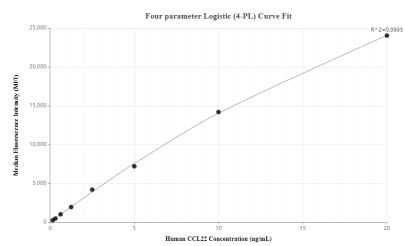
T: 4006900926

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



Cytometric bead array standard curve of MP01238-2, CCL22 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84370-3-PBS. Detection antibody: 84370-1-PBS. Standard: Eg1974. Range: 0.156-20 ng/mL