

For Research Use Only

# CCR3 Recombinant antibody

Catalog Number: 86038-1-RR



## Basic Information

Catalog Number:

86038-1-RR

Concentration:

1000  $\mu$ g/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC110297

GeneID (NCBI):

1232

UNIPROT ID:

P51677

Full Name:

chemokine (C-C motif) receptor 3

Calculated MW:

355 aa, 41 kDa

Observed MW:

53 kDa

Purification Method:

Protein A purification

CloneNo.:

250209D5

Recommended Dilutions:

WB: 1:1000-1:4000

IF/ICC: 1:250-1:1000

## Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : A375 cells, THP-1 cells, Jurkat cells, HUVEC cells, U-87 MG cells

IF/ICC : K-562 cells,

## Background Information

CCR3 (C-C Motif Chemokine Receptor 3), also known as CD193, is a G protein-coupled receptor (GPCR) primarily involved in immune cell trafficking and inflammation regulation and highly expressed in eosinophils and basophils, with detectable levels in Th2 cells, airway epithelial cells, and subsets of monocyte-derived dendritic cells (PMID: 21077277). Ligand-induced CCR3 internalization is required for eosinophil shape change and actin polymerization but not for calcium mobilization or desensitization (PMID: 12532103).

## 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:

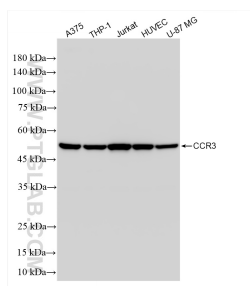
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

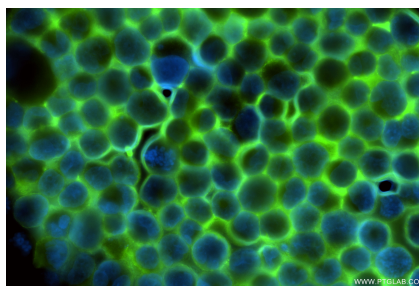
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86038-1-RR (CCR3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed K-562 cells using CCR3 antibody (86038-1-RR, Clone: 250209D5 ) at dilution of 1:500 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).