

For Research Use Only

# Anti-Mouse CXCR2 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98353-4-PBS



## Basic Information

Catalog Number:

98353-4-PBS

Concentration:

1mg, 2 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2228

GenBank Accession Number:

NM\_009909.3

GeneID (NCBI):

12765

UNIPROT ID:

P35343

Full Name:

interleukin 8 receptor, beta

Calculated MW:

40 kDa

Purification Method:

Protein A purification

CloneNo.:

242766G3

## Applications

Tested Applications:

FC

Species Specificity:

mouse

## Background Information

CXCR2, also named as CD182, Cmkar2, Gpcr16, or IL8rb, belongs to the G-protein coupled receptor 1 family. CXCR2 is a receptor for interleukin-8, which is a powerful neutrophil chemotactic factor. Binding of IL-8 to the receptor causes activation of neutrophils. This response is mediated via a G-protein that activates a phosphatidylinositol-calcium second messenger system. CXCR2 binds to IL-8 with high affinity. CXCR2 also binds with high affinity to CXCL3, GRO/MGSA and NAP-2.

## 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:

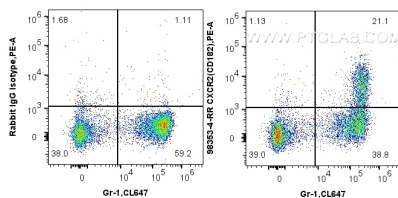
T: 4006900926

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

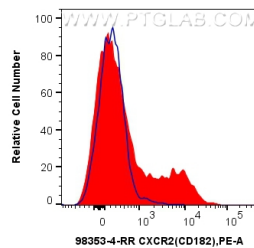
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



1x10<sup>6</sup> mouse bone marrow cells were surface stained with 0.25 ug Anti-Mouse CXCR2 Rabbit RecAb (98353-4-RR, Clone: 242766G3) or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9), and PE-Conjugated Goat Anti-Rabbit IgG(H+L), Cells were co-stained with CoraLite® Plus 647 Anti-Mouse Ly-6G/Ly-6C (Gr-1). Cells were not fixed. This data was developed using the same antibody clone with 98353-4-PBS in a different storage buffer formulation.



1x10<sup>6</sup> mouse bone marrow cells were surface stained with 0.25 ug Anti-Mouse CXCR2 Rabbit RecAb (98353-4-RR, Clone: 242766G3) (red) or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed. This data was developed using the same antibody clone with 98353-4-PBS in a different storage buffer formulation.