

For Research Use Only

# Anti-Mouse CXCR2 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98353-4-PBS



## Basic Information

<b>Catalog Number:</b> 98353-4-PBS	<b>GenBank Accession Number:</b> NM_009909.3	<b>Purification Method:</b> Protein A purification
<b>Concentration:</b> 1mg, 2 mg/ml	<b>GeneID (NCBI):</b> 12765	<b>CloneNo.:</b> 242766G3
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P35343	
<b>Isotype:</b> IgG	<b>Full Name:</b> interleukin 8 receptor, beta	
<b>Immunogen Catalog Number:</b> EG2228	<b>Calculated MW:</b> 40 kDa	

## 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:

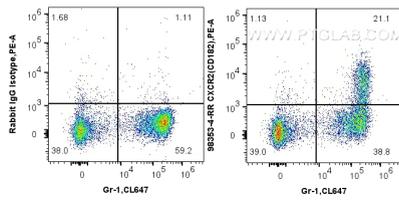
T: 4006900926

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

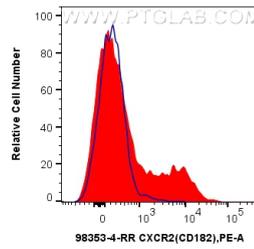
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



$1 \times 10^6$  mouse bone marrow cells were surface stained with 0.25  $\mu$ g 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.



$1 \times 10^6$  mouse bone marrow cells were surface stained with 0.25  $\mu$ g 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.