

For Research Use Only

CoraLite® Plus 647 Anti-Mouse CXCR2 Rabbit Recombinant Antibody

Catalog Number: CL647-98353-4



Basic Information

Catalog Number:

CL647-98353-4

Size:

100ug, 500 ug/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

Recommended Dilutions:

FC: 0.5 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

654 nm / 674 nm

Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : mouse bone marrow cells,

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 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

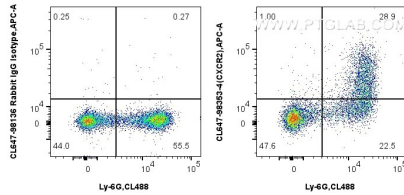
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

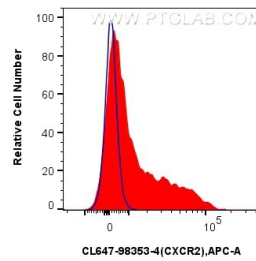
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ mouse bone marrow cells were surface stained with CoraLite® Plus 488 Anti-Mouse Ly-6G, and 0.5 ug CoraLite® Plus 647 Anti-Mouse CXCR2 Rabbit RecAb (CL647-98353-4, Clone: 242766G3) or CoraLite® Plus 647 Rabbit IgG Isotype Control Recombinant Antibody (CL647-98136, Clone: 240953C9). Cells were not fixed.



1x10⁶ mouse bone marrow cells were surface stained with 0.5 ug CoraLite® Plus 647 Anti-Mouse CXCR2 Rabbit RecAb (CL647-98353-4, Clone: 242766G3) (red) or CoraLite® Plus 647 Rabbit IgG Isotype Control Recombinant Antibody (CL647-98136, Clone: 240953C9) (blue). Cells were not fixed.