

For Research Use Only

CXCR2 Recombinant antibody

Catalog Number: 85144-5-RR



Basic Information

Catalog Number:

85144-5-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_009909.3

GeneID (NCBI):

12765

UNIPROT ID:

P35343

Full Name:

interleukin 8 receptor, beta

Calculated MW:

40 kDa

Observed MW:

45 kDa

Purification Method:

Protein A purification

CloneNo.:

242766H6

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

mouse, rat

Positive Controls:

WB : rat liver tissue,

Background Information

CXCR2, also named as Cmkar2, Gpcr16, Il8rb or CD182, 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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

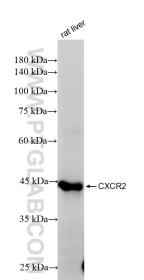
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Rat liver tissue was subjected to SDS PAGE followed by western blot with 85144-5-RR (CXCR2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.