

For Research Use Only

CXCR2 Recombinant antibody

Catalog Number: 85144-5-RR



Basic Information

Catalog Number: 85144-5-RR	GenBank Accession Number: NM_009909.3	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 12765	CloneNo.: 242766H6
Source: Rabbit	UNIPROT ID: P35343	Recommended Dilutions: WB 1:1000-1:4000
Isotype: IgG	Full Name: interleukin 8 receptor, beta	
	Calculated MW: 40 kDa	
	Observed MW: 45 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : rat liver tissue,
Species Specificity: mouse, rat	

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

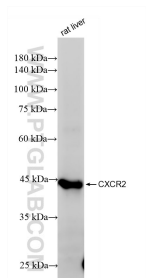
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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

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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.