

For Research Use Only

# Cxcr2-Specific Polyclonal antibody

Catalog Number:19538-1-AP

1 Publications



## Basic Information

<b>Catalog Number:</b> 19538-1-AP	<b>GenBank Accession Number:</b> NM_009909	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 400 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 12765	<b>Recommended Dilutions:</b> IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P35343	
<b>Isotype:</b> IgG	<b>Full Name:</b> interleukin 8 receptor, beta	
	<b>Calculated MW:</b> 41 kDa	

## Applications

<b>Tested Applications:</b> IHC, ELISA	<b>Positive Controls:</b> IHC : mouse spleen tissue,
<b>Cited Applications:</b> IHC	
<b>Species Specificity:</b> mouse	
<b>Cited Species:</b> mouse	

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

Cmkr2, also named as Cxcr2, Gpcr16 and CD182, belongs to the G-protein coupled receptor 1 family. Il8rb 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. Il8rb binds to IL-8 with high affinity. Il8rb also binds with high affinity to CXCL3, GRO/MGSA and NAP-2. This antibody is specific to mouse Il8rb.

## Notable Publications

Author	Pubmed ID	Journal	Application
Qiangda Chen	37867243	Adv Sci (Weinh)	IHC

## Storage

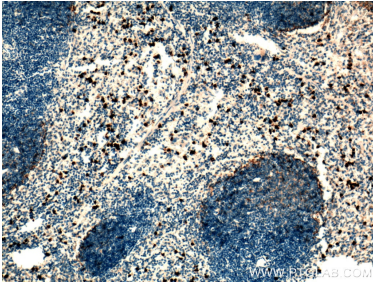
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

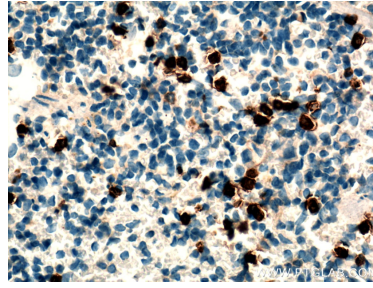
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 19538-1-AP (IL18rb-Specific antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 19538-1-AP (IL18rb-Specific antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).