

For Research Use Only

CXCR2 Polyclonal antibody

Catalog Number: 19538-1-AP

1 Publications



Basic Information

Catalog Number:

19538-1-AP

Size:

150ul , Concentration: 400 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_009909

GeneID (NCBI):

12765

UNIPROT ID:

P35343

Full Name:

interleukin 8 receptor, beta

Calculated MW:

41 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:50-1:500

Applications

Tested Applications:

IHC, ELISA

Cited Applications:

IHC

Species Specificity:

mouse

Cited Species:

mouse

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

Positive Controls:

IHC : mouse spleen 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. This antibody is specific to mouse CXCR2.

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

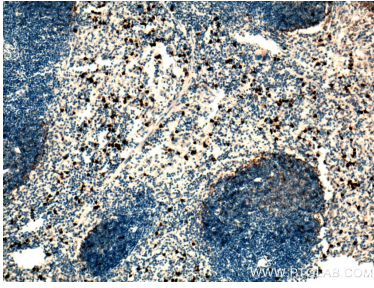
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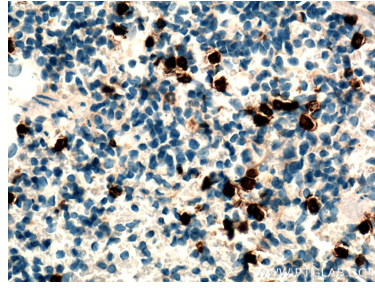
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 19538-1-AP (IL8rb-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 (IL8rb-Specific antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).