

For Research Use Only

Cxcr2-Specific Polyclonal antibody

Catalog Number: 19538-1-AP

1 Publications



Basic Information

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

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : mouse spleen tissue,
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

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

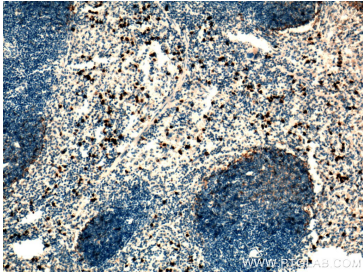
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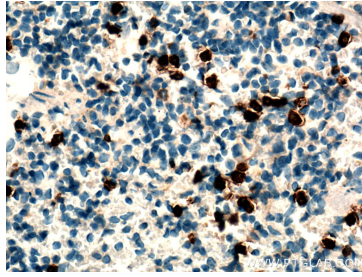
E: proteintech@ptglab.com
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Selected Validation Data



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).