

For Research Use Only

CCL5 Recombinant monoclonal antibody

Catalog Number:87060-4-RR



Basic Information

Catalog Number: 87060-4-RR	GenBank Accession Number: Q5XZF2	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 20304	CloneNo.: 250841C2
Isotype: IgG	UNIPROT ID: P30882	Recommended Dilutions: WB: 1:5000-1:50000 IHC: 1:500-1:2000
Immunogen Catalog Number: EG2253	Full Name: chemokine (C-C motif) ligand 5	
	Calculated MW: 10kd	
	Observed MW: 8 kDa	

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

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:

WB : PMA, LPS and Brefeldin A treated RAW 264.7 cells,

IHC : mouse spleen tissue, mouse colon tissue

Background Information

CCL5 (C-C motif chemokine ligand 5), also known as RANTES, is a key inflammatory chemokine that attracts immune cells like T cells, monocytes, and eosinophils to sites of infection or inflammation, playing vital roles in immunity, viral defense (including HIV), and sometimes cancer progression, by binding to receptors like CCR1, CCR3, and CCR5 to signal cell movement and activation, with inhibitors being researched for therapeutic use.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

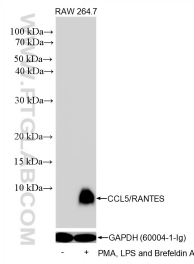
T: 4006900926

E: Proteintech-CN@ptglab.com

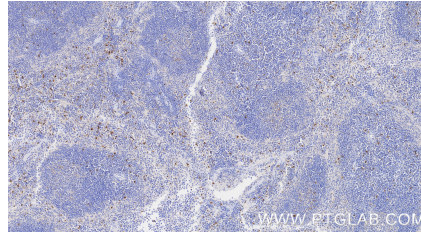
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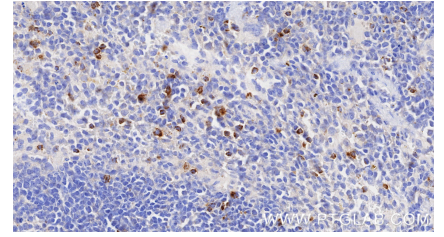
Selected Validation Data



LPS, PMA, and Brefeldin A-treated RAW 264.7 cells were subjected to SDS PAGE followed by western blot with 87060-4-RR (CCL5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 87060-4-RR (CCL5 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 87060-4-RR (CCL5 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).