

For Research Use Only

# CCL18/MIP-4 Polyclonal antibody

Catalog Number: 22303-1-AP

6 Publications



## Basic Information

### Catalog Number:

22303-1-AP

### Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_002988

### GeneID (NCBI):

6362

### UNIPROT ID:

P55774

### Full Name:

chemokine (C-C motif) ligand 18 (pulmonary and activation-regulated)

### Calculated MW:

10 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

IHC 1:50-1:500

## Applications

### Tested Applications:

IHC, ELISA

### Cited Applications:

IHC, IF

### Species Specificity:

human

### Cited Species:

human

### Positive Controls:

IHC : human tonsillitis tissue, human heart tissue, human pancreas tissue

**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

CCL18 is a small cytokine belonging to the CC chemokine family. The effector functions that CCL18 exerts on the immune system is mainly on the adaptive immune system, while being produced and secreted mainly by innate immune system. Although the functions of CCL18 have been well studied in vitro, physiological effects of CCL18 in vivo have been difficult to characterize because there is no murine analog of CCL18. Only recently has the receptor for CCL18 been identified, and further characterization of CCL18 interactions with its receptor will lead to better understanding of the physiological role of CCL18 in humans.

## Notable Publications

Author	Pubmed ID	Journal	Application
Binghui Liu	33320565	ACS Biomater Sci Eng	IHC
Zhirong Sun	30216450	J Cell Physiol	IHC
Hang Ji	36177003	Front Immunol	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)

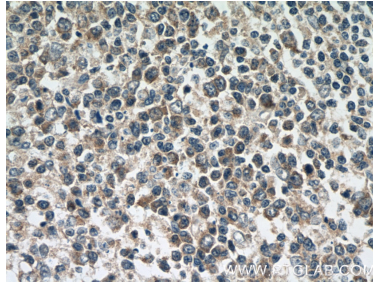
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 22303-1-AP (CCL18/MIP-4 antibody at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 22303-1-AP (CCL18/MIP-4 antibody at dilution of 1:50 (under 40x lens).