

For Research Use Only

CCL18/MIP-4 Polyclonal antibody

Catalog Number: 22303-1-AP **4 Publications**



Basic Information

Catalog Number: 22303-1-AP	GenBank Accession Number: NM_002988	Purification Method: Antigen affinity purification
Size: 600 µg/ml	GeneID (NCBI): 6362	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: P55774	
Isotype: IgG	Full Name: chemokine (C-C motif) ligand 18 (pulmonary and activation-regulated)	
	Calculated MW: 10 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human heart tissue, human tonsillitis tissue, human pancreas tissue
Cited Applications: IF, IHC	
Species Specificity: human	
Cited Species: human	
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

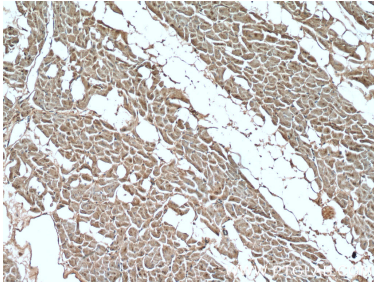
Storage

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

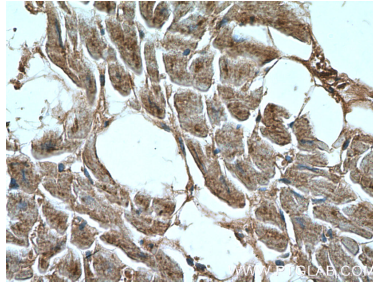
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 22303-1-AP (CCL18/MIP-4 antibody at dilution of 1:200) (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 22303-1-AP (CCL18/MIP-4 antibody at dilution of 1:200) (under 40x lens).