For Research Use Only

CCL18/MIP-4 Polyclonal antibody

Catalog Number:22303-1-AP 6 Publications

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Basic Information

Catalog Number:
22303-1-AP

Size:
600 μg/ml

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

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

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

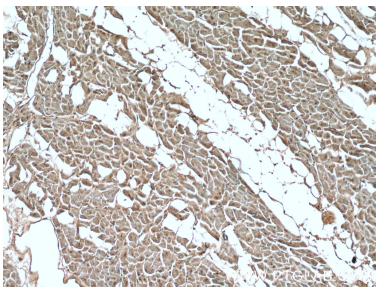
Author	Pubmed ID	Journal	Application
Binghui Liu	33320565	ACS Biomater Sci Eng	IHC
Zhirong Sun	30216450	J Cell Physiol	IHC
Hang Ji	36177003	Front Immunol	IHC

Storage

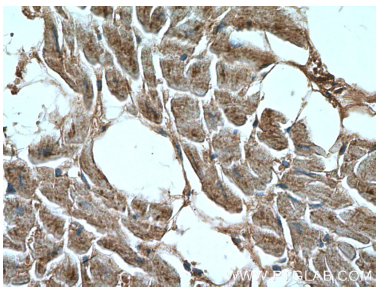
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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).