



Rabbit Anti-CCL18 antibody

SL1989R

Product Name:	CCL18
Chinese Name:	巨噬细胞炎症蛋白18抗体
Alias:	Macrophage Inflammatory Protein 4; Alternative macrophage activation associated CC chemokine 1; Alternative macrophage activation-associated CC chemokine 1; AMAC-1; AMAC1; C-C motif chemokine 18; CC chemokine PARC; CCL18(1-68); CCL18(3-69); CCL18(4-69); CCL18_HUMAN; CKb7; DC-CK1; DCCK1; Dendritic cell chemokine 1; Macrophage inflammatory protein 4; MIP-4; MIP4; PARC; Pulmonary and activation regulated chemokine; Pulmonary and activation-regulated chemokine; SCYA18; Small inducible cytokine A18; Small-inducible cytokine A18.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	8kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MIP4/CCL18:21-89/89
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	This chemotactic factor that attracts lymphocytes but not monocytes or granulocytes

may be involved in B cell migration into B cell follicles in lymph nodes. It attracts naive T lymphocytes toward dendritic cells and activated macrophages in lymph nodes, has chemotactic activity for naive T cells, CD4+ and CD8+ T cells and thus may play a role in both humoral and cell-mediated immunity responses. It is expressed at high levels in lung, lymph nodes, placenta, and bone marrow, not expressed by peripheral blood monocytes, and a monocyte-to-macrophage differentiation is a prerequisite for expression. Specifically induced in macrophages by IL4, IL13, and IL10, it belongs to the intercrine beta (chemokine CC) family.

Function:

Chemotactic factor that attracts lymphocytes but not monocytes or granulocytes. May be involved in B-cell migration into B-cell follicles in lymph nodes. Attracts naive T-lymphocytes toward dendritic cells and activated macrophages in lymph nodes, has chemotactic activity for naive T-cells, CD4+ and CD8+ T-cells and thus may play a role in both humoral and cell-mediated immunity responses.

Subcellular Location:

Secreted.

Tissue Specificity:

Expressed at high levels in lung, lymph nodes, placenta, bone marrow, dendritic cells present in germinal centers and T-cell areas of secondary lymphoid organs and macrophages derived from peripheral blood monocytes. Not expressed by peripheral blood monocytes and a monocyte-to-macrophage differentiation is a prerequisite for expression. Expressed in synovial fluids from patients with rheumatoid and septic arthritis and in ovarian carcinoma ascitic fluid.

Similarity:

Belongs to the intercrine beta (chemokine CC) family.

SWISS:

P55774

Gene ID:

6362

Database links:

[Entrez Gene: 6362](#)Human

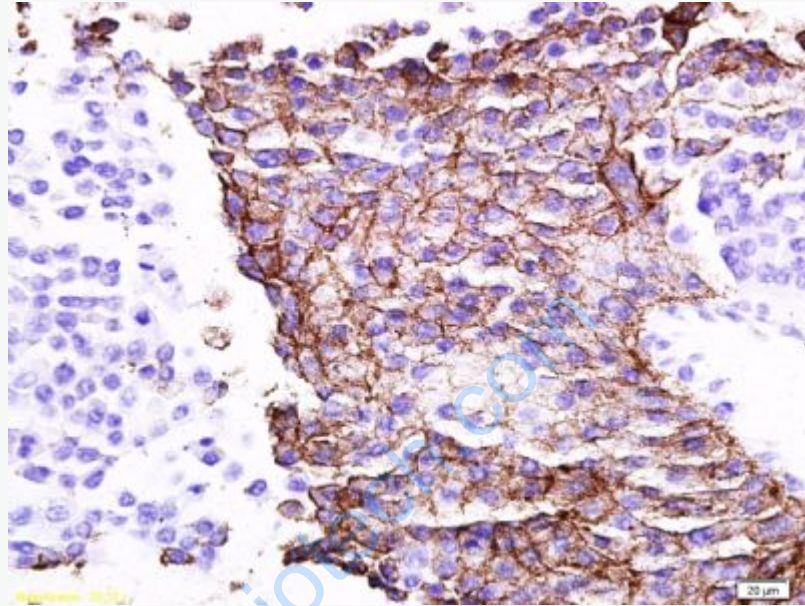
[Omim: 603757](#)Human

[SwissProt: P55774](#)Human

[Unigene: 143961](#)Human

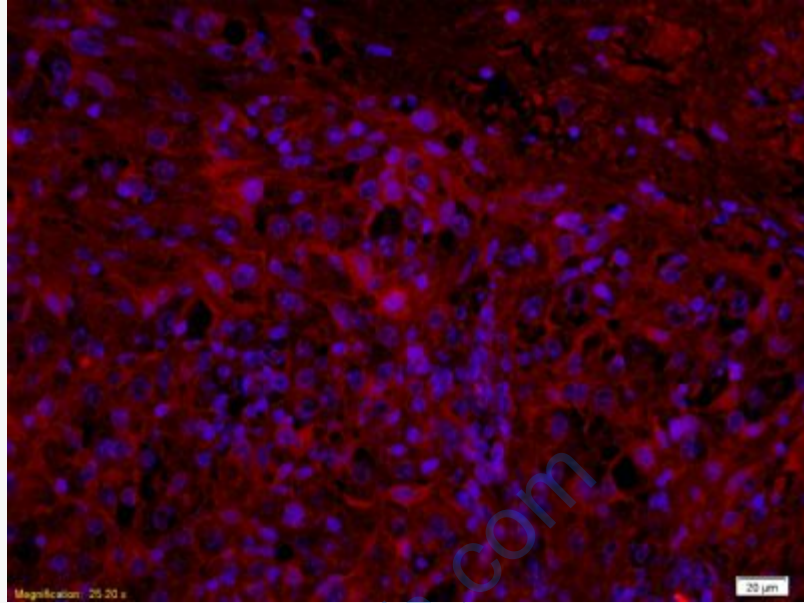
Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



Picture:

Paraformaldehyde-fixed, paraffin embedded (Mouse lung melanocytoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (MIP4) Polyclonal Antibody, Unconjugated (SL1989R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse melanocytoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (MIP4) Polyclonal Antibody, Unconjugated (SL1989R) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody (SL1989R) for 90 minutes, and DAPI for nuclei staining.