

## Rabbit Anti-MIP4/AP Conjugated antibody

SL1989R-AP

<b>Product Name</b>	Anti-MIP4/AP
<b>Chinese Name</b>	碱性磷酸酶（AP）标记的巨噬细胞炎症蛋白 18 抗体
<b>Alias</b>	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; CCL18(1-68); CCL18(3-69); CCL18(4-69); CCL18_HUMAN; CKb7; DC-CK1; DCCCK1; 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.
<b>Research Area</b>	Cell biology immunology
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	Mouse(predicted:Human) IHC-P=1:100-500,IHC-F=1:100-500
<b>Applications</b>	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight</b>	8kDa
<b>Form</b>	Lyophilized or Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human MIP4
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Storage Buffer</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. 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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>Storage</b>	
<b>Product Detail</b>	<b>background:</b>

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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.

**Database links:**

[Entrez Gene: 6362](#) Human

[Omim: 603757](#) Human

[SwissProt: P55774](#) Human

[Unigene: 143961](#) Human



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**Important Note:**

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