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CCL18 Rabbit pAb

Catalog # AP99685

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	P55774
Other Accession	P55774
Reactivity	Mouse
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	9849
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MIP4/CCL18
Epitope Specificity	21-89/89
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the intercrine beta (chemokine CC) family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	bs-1989P is one synthetic peptide derived from human MIP4/CCL18. 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.

Additional Information

Gene ID	6362
Other Names	AMAC-1; AMAC1; CKb7; DC-CK1; DCCK1; MIP-4; PARC; SCYA18; CCL18_HUMAN; CCL18; Alternative macrophage activation-associated CC chemokine 1 (AMAC-1); CC chemokine PARC; Dendritic cell chemokine 1 (DC-CK1); Macrophage inflammatory protein 4 (MIP-4); Pulmonary and activation-regulated chemokine; Small-inducible cytokine A18; MIP4; C-C motif chemokine ligand 18; small inducible cytokine subfamily A (Cys-Cys), member 18, pulmonary and activation-regulated; chemokine (C-C motif) ligand 18 (pulmonary and activation-regulated); chemokine (C-C motif) ligand 18; pulmonary and activation-regulated

Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	CCL18
Synonyms	AMAC1, DCCK1, MIP4, PARC, SCYA18
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.
Cellular Location	Secreted.
Tissue Location	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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.