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Anti-CCL18 Antibody

Catalog # AP54103

Product Information

Application	WB
Primary Accession	P55774
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	9849

Additional Information

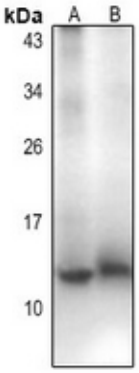
Gene ID	6362
Other Names	AMAC1; DCCK1; MIP4; PARC; SCYA18; C-C motif chemokine 18; Alternative macrophage activation-associated CC chemokine 1; AMAC-1; CC chemokine PARC; Dendritic cell chemokine 1; DC-CK1; Macrophage inflammatory protein 4; MIP-4; Pulmonary and activation-regulated chemokine; Small-inducible cytokine A18
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CCL18. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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

Images



Western blot analysis of CCL18 expression in mouse embryo (A), rat lung (B) whole cell lysates. (Predicted band size: 9 kD; Observed band size: 12 kD)

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