RecomAb™

CCL18 recombinant monoclonal antibody, clone R01-7B4

Catalog # RAB04412 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human CCL18.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human CCL18.
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (CHO) expression system
Purification	Affinity purification
Isotype	IgG
Recommend Usage	ELISA (1:10000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA).
Storage Instruction	Store at 4°C for at least six months Aliquot to avoid repeated freezing and thawing.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CCL18

Entrez GeneID	6362

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Protein Accession#	P55774
Gene Name	CCL18
Gene Alias	AMAC-1, AMAC1, CKb7, DC-CK1, DCCK1, MIP-4, PARC, SCYA18
Gene Description	chemokine (C-C motif) ligand 18 (pulmonary and activation-regulated)
Omim ID	603757
Gene Ontology	Hyperlink
Gene Summary	This gene is one of several Cys-Cys (CC) cytokine genes clustered on the q arm of chromosome 17. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory pr ocesses. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine e ncoded by this gene displays chemotactic activity for naive T cells, CD4+ and CD8+ T cells and n onactivated lymphocytes, but not for monocytes or granulocytes. This chemokine attracts naive T l ymphocytes toward dendritic cells and activated macrophages in lymph nodes. It may play a role i n both humoral and cell-mediated immunity responses. [provided by RefSeq
Other Designations	CC chemokine ligand 18|alternative macrophage activation-associated CC chemokine 1|chemok ine (C-C), dendritic|dendritic cell chemokine 1|macrophage inflammatory protein 4|pulmonary and activation-regulated chemokine|small inducible cytokine A18|small indu

Pathway

- Chemokine signaling pathway
- Cytokine-cytokine receptor interaction

Disease

- Asthma
- Birth Weight
- Bronchiolitis
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Glioblastoma

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- Glioma
- Infant
- Leukemia
- Meningeal Neoplasms
- Meningioma
- Respiratory Syncytial Virus Infections

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