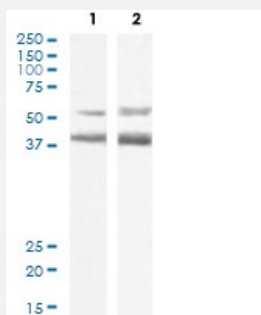


RecomAb™

CCR4 recombinant monoclonal antibody, clone KW-0761 (Mogamulizumab)

Catalog # RAB01129 Size 200 ug

Applications



Western Blot

Western Blot analysis of Human brain cerebellum lysates (35 ug protein in RIPA buffer) were resolved on a 10% SDS PAGE gel and blots probed with the chimeric rabbit IgG version of KW-0761 at 2 ug/mL before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence. The expected running size for CCR4 is 37.7kDa.

Specification

Product Description	Mouse recombinant monoclonal antibody raised against human CCR4.
Antibody Species	Mouse
Immunogen	Original antibody is raised against by humanization of a mouse anti-CCR4 mAb.
Reactivity	Human
Specificity	This antibody is specific for human CCR4, a chemokine receptor that is preferentially expressed by T h2 and regulatory T (Treg) cells. CCR4 is also detected on basophils, platelets, monocytes and brain microvascular and coronary artery endothelial cells.
Form	Liquid
Purification	Protein A affinity purification
Isotype	IgG2a, Kappa
Recommend Usage	Western Blot The optimal working dilution should be determined by the end user.

Storage Buffer

In PBS with 0.02% Proclin 300

Storage Instruction

Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Applications

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Gene Info — CCR4

Entrez GeneID[1233](#)**Protein Accession#**[P51679](#)**Gene Name**

CCR4

Gene Alias

CC-CKR-4, CD194, CKR4, CMKBR4, ChemR13, HGCN:14099, K5-5, MGC88293

Gene Description

chemokine (C-C motif) receptor 4

Omim ID[604836](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene belongs to the G-protein-coupled receptor family . It is a receptor for the CC chemokine - MIP-1, RANTES, TARC and MCP-1. Chemokines are a group of small polypeptide, structurally related molecules that regulate cell trafficking of various types of leukocytes. The chemokines also play fundamental roles in the development, homeostasis, and function of the immune system, and they have effects on cells of the central nervous system as well as on endothelial cells involved in angiogenesis or angiostasis. [provided by RefSeq]

Other Designations

chemokine (C-C) receptor 4

Pathway

- [Chemokine signaling pathway](#)
- [Cytokine-cytokine receptor interaction](#)

Disease

- [Asthma](#)
- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Dermatitis](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)