

# Anti-CCR4 / CD194 Reference Antibody (mogamulizumab)

Recombinant Antibody Catalog # APR10385

### **Specification**

# Anti-CCR4 / CD194 Reference Antibody (mogamulizumab) - Product Information

Application FC, E, FTA
Primary Accession P51679
Reactivity Human
Clonality Monoclonal
Isotype IgG1
Calculated MW 145 KDa

### Anti-CCR4 / CD194 Reference Antibody (mogamulizumab) - Additional Information

Target/Specificity CCR4 / CD194

**Endotoxin** 

< 0.001EU/ µg,determined by LAL method.

**Conjugation** Unconjugated

**Expression system** 

CHO Cell

### **Format**

Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

# Anti-CCR4 / CD194 Reference Antibody (mogamulizumab) - Protein Information

Name CCR4

Synonyms CMKBR4

#### **Function**

High affinity receptor for the C-C type chemokines CCL17/TARC, CCL22/MDC and CKLF isoform 1/CKLF1. The activity of this receptor is mediated by G(i) proteins which activate a phosphatidylinositol-calcium second messenger system. Can function as a chemoattractant homing receptor on circulating memory lymphocytes and as a coreceptor for some primary HIV-2 isolates. In the CNS, could mediate hippocampal-neuron survival.

### **Cellular Location**

Cell membrane; Multi-pass membrane protein.

**Tissue Location** 



Tel: 858.875.1900 Fax: 858.875.1999

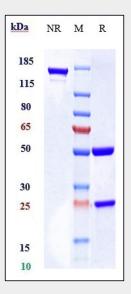
Predominantly expressed in the thymus, in peripheral blood leukocytes, including T-cells, mostly CD4+ cells, and basophils, and in platelets; at lower levels, in the spleen and in monocytes (PubMed:10754297, PubMed:9169480). Detected also in macrophages, IL-2-activated natural killer cells and skin-homing memory T-cells, mostly the ones expressing the cutaneous lymphocyte antigen (CLA). Expressed in brain microvascular and coronary artery endothelial cells (PubMed:10754297).

# Anti-CCR4 / CD194 Reference Antibody (mogamulizumab) - Protocols

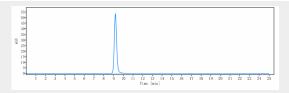
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# Anti-CCR4 / CD194 Reference Antibody (mogamulizumab) - Images



Anti-CCR4 / CD194 Reference Antibody (mogamulizumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%



The purity of Anti-CCR4 / CD194 Reference Antibody (mogamulizumab)is more than 95% ,determined by SEC-HPLC.