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Anti-CCR4 / CD194 Reference Antibody (mogamulizumab)

Recombinant Antibody Catalog # APR10385

Product Information

Application FC, Kinetics, Animal Model

Primary Accession
Reactivity
Human
Clonality
Monoclonal
Isotype
IgG1
Calculated MW
41403

Additional Information

Target/Specificity CCR4 / CD194

Endotoxin

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.

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.

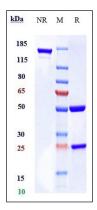
Tissue Location Predominantly expressed in the thymus, in peripheral blood leukocytes,

including T-cells, mostly CD4+ cells, and basophils, and in platelets; at lower levels, in the spleen and in monocytes (PubMed:10754297, PubMed:9169480).

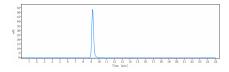
Detected also in macrophages, IL-2-activated natural killer cells and skin-homing memory T-cells, mostly the ones expressing the cutaneous lymphocyte antigen (CLA). Expressed in brain microvascular and coronary

artery endothelial cells (PubMed:10754297).

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.

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