10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-CCR4 / CD194 Reference Antibody (mogamulizumab)

Recombinant Antibody
Catalog # APR10385

Product Information

Application	FC, Kinetics, Animal Model
Primary Accession	P51679
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	41403

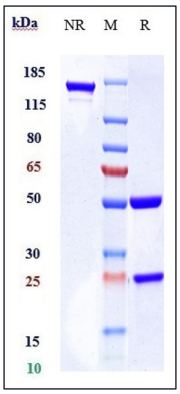
Additional Information

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.

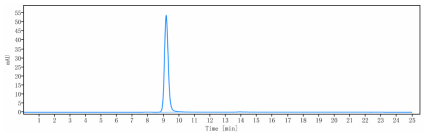
Protein Information

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.