

Anti-H_CCR4 hIgG1 Antibody(Mogamulizumab)

Product information

GM-23370AB-10	10 µg
GM-23370AB-100	100 µg
GM-23370AB-1000	1 mg

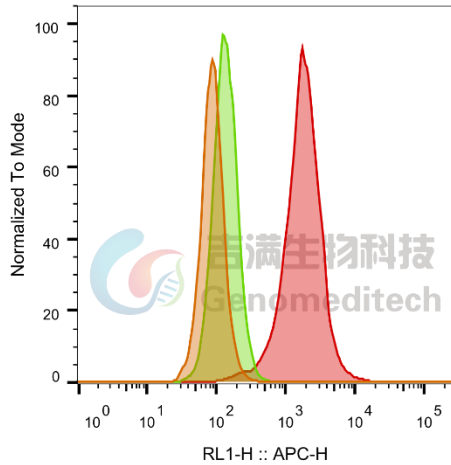
Antibody Information

Species Reactivity	Human; Cynomolgus
Clone	Mogamulizumab
Source/Isotype	Monoclonal human IgG1
Application	Flow cytometry
Specificity	Detects CCR4
Gene	CCR4
Other Names	CC-CKR-4, CD194, CKR4, CMKBR4, ChemR13, HGNC:14099, K5-5
Gene ID	P51679 (human); G7NYB7-1 (Cynomolgus)
Background	CCR4 is a G protein-linked seven transmembrane domain chemokine 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. CCR4 is often expressed on leukemic cells in cutaneous T-cell lymphoma (CTCL).
Storage	Store at 2-8°C short term (1-2 weeks).Store at ≤ -20°C long term. Avoid repeated freeze-thaw.
Formulation	Phosphate-buffered solution, pH 7.2.
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay

Data Examples

Flow cytometry

The recommended usage range is 0.5-4 µg per test. H_CCR4 CHO-K1 Cell Line(Catalog # GM-C03235) was stained with Anti-H_CCR4 hlgG1 Antibody (Catalog # GM-23370AB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.

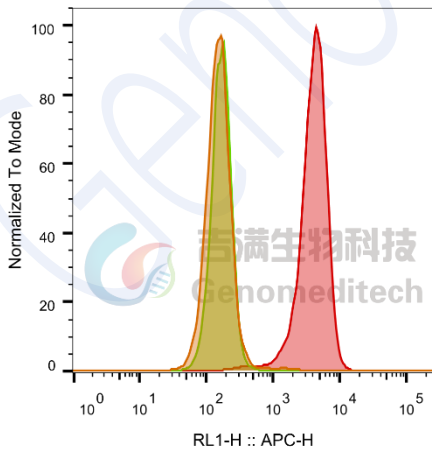


SampleID	Geometric Mean : RL1-H
CHO-K1 anti-H_CCR4+APC-2nd Ab	89.0
CHO-K1 H_CCR4 H_IgG+APC-2nd Ab	135
CHO-K1 H_CCR4 anti-H_CCR4+APC-2nd Ab	1704

Fig. FACS

Flow cytometry

The recommended usage range is 0.5-4 µg per test. Cynomolgus_CCR4 HEK-293 Cell Line was(Catalog # GM-C24421) stained with Anti-H_CCR4 hlgG1 Antibody (Catalog # GM-23370AB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody .



SampleID	Geometric Mean : RL1-H
HEK-293 anti-H_CCR4+APC-2nd Ab	156
HEK-293 Cyno_CCR4 H_IgG+APC-2nd Ab	168
HEK-293 Cyno_CCR4 anti-H_CCR4+APC-2nd Ab	3838

Fig. FACS