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12-8020: Anti-Human CD194 (CCR4) (Mogamulizumab) – Biotin

Clonality :	Monoclonal
Clone Name :	KW-0761
Application :	ELISA
Reactivity :	Human
Alternative Name :	CD194; CKR-4; CCR-4; CCR4; K5-5
Isotype :	Human IgG1k
Immunogen Information :	Humanization of mouse anti-CCR4 mAb7.

Description

Expression Host : HEK-293

This non-therapeutic biosimilar antibody uses the same variable region sequence as the therapeutic antibody Mogamulizumab. Clone KW-0761 recognizes human CD194 (CCR4). This product is for research use only.
Clone KW-0761 (Mogamulizumab) is a research-grade, afucosylated, humanized monoclonal antibody generated from mouse anti-CCR4 mAb7 that targets human CCR4.1 CC chemokine receptor type 4 (CCR4) is a protein that belongs to the G protein-coupled receptor family and is a receptor for a variety of CC chemokines including MCP-1, MIP-1, RANTES, TARC, and Macrophage-derived chemokine. Chemokines are involved in the development, homeostasis, and function of the immune system and are known to regulate cell trafficking of various types of leukocytes. In a 2018 Phase I clinical trial, Mogamulizumab was found to decrease the number of HTLV-1Â–infected cells and the levels of inflammatory markers related to HTLV-1Â–Associated Myelopathy.3

Product Info

Amount :	100 µg
Content :	Concentration : 0.5 mg/ml This recombinant monoclonal antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (PBS) pH 7.2 - 7.4, 150 mM NaCl with no carrier protein, potassium, calcium or preservatives added.
Storage condition :	Functional grade biosimilar antibodies may be stored sterile as received at 2-8°C for up to one month. For longer term storage, aseptically aliquot in working volumes without diluting and store at -80°C. Avoid Repeated Freeze Thaw Cycles.

Application Note

The suggested concentration for Mogamulizumab biosimilar antibody for staining cells in flow cytometry is <= 1.0 µg per 106 cells in a volume of 100 µl. Titration of the reagent is recommended for optimal performance for each application.ELISA