Anti-Human CD194 (CCR4) (Mogamulizumab) - Biotin

IVMB0421

Product Information

Product SKU:	IVMB0421	**Clone**:	KW-0761	**Target**:	CD194
Size:	100 µg			**Isotype**:	Human IgG1κ

Additional Information

Reactivity:	Human	**Host Species**:	Human
Antibody Type:	Biosimilar Recombinant Human Monoclonal Antibody	**Expression Host**:	HEK-293 Cells

Immunogen Information

Background: 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-1–infected cells and the levels of inflammatory markers related to HTLV-1–Associated Myelopathy.[3]

Product Concentration: 0.5 mg/ml

Applications: Depletion

Synonyms: Mogamulizumab, CD194, CCR4

Antigen Distribution: CCR4 is primarily expressed by Th2 and regulatory T cells in addition to expression on leukemic cells in cutaneous T-cell lymphoma (CTCL).

Immunogen: Humanization of mouse anti-CCR4 mAb7.

Formulation: This Biotinylated antibody is formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.4, 1% BSA and 0.09% sodium azide as a preservative.

Contact Details | Dublin, Ireland
Email: techsupport@assaygenie.com | **Web:** www.assaygenie.com

Specificity: 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.

Pathogen Testing: -

Storage & Handling: 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.

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