

## Product datasheet for **TA386078**

### CCR4 Mouse Monoclonal Antibody [Clone ID: KW-0761 (Mogamulizumab)]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	KW-0761 (Mogamulizumab)
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a, kappa
Clonality:	Monoclonal
Immunogen:	This antibody was prepared by humanization of a mouse anti-CCR4 mAb.
Specificity:	This antibody is specific for human CCR4, a chemokine receptor that is preferentially expressed by Th2 and regulatory T (Treg) cells. CCR4 is also detected on basophils, platelets, monocytes and brain microvascular and coronary artery endothelial cells.

The clinically used format of this antibody (which underwent additional de-fucosylation to increase antibody-dependent cellular cytotoxicity (ADCC)), has significant clinical activity in heavily pretreated patients with mycosis fungoides and Sézary syndrome, and is associated with an overall response rate of 36.8% and a median duration of response of 10.4 months (Duvic et al, 2014). It was shown to CCR4-expressing cells by antibody-dependent, cell-mediated cytotoxicity (ADCC). Therapeutically, this results in a dual mechanism of action; in addition to directly targeting malignant T cells over-expressing CCR4, this antibody also depletes T reg cells, an important therapeutic target in human cancers. This antibody is well-tolerated, and administration does not appear to trigger clinically significant autoimmune complications in phase 1/2 trials (Duvic et al, 2014). This antibody has been approved in Japan for the treatment of relapsed or refractory adult T-cell leukemia/lymphoma, and is in clinical trials for solid cancers. For the avoidance of doubt - the material produced by Absolute Antibody has not been de-fucosylated.

Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.



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**Gene Name:** C-C motif chemokine receptor 4

**Database Link:** [Entrez Gene 1233 Human P51679](#)

**Synonyms:** CC-CKR-4; CCR-4; CD194; ChemR13; CKR4; CMKBR4; HGCN:14099; k5-5; MGC88293

**Note:** This chimeric mouse antibody was made using the variable domain sequences of the original Human IgG1 format, for improved compatibility with existing reagents, assays and techniques.