Cat. No. DMC100681B

PRODUCT INFORMATION

Clone ID **DMC681 Target** CXCR2

CD182; CDw128b; CMKAR2; IL8R2; IL8RA; IL8RB **Synonyms**

Host Species

Biotinylated Anti-CXCR2 antibody(DMC681); IgG1 Description

Chimeric mAb

Delivery 2-3 weeks

Uniprot ID P25025; Q53PC4

IgG type Rabbit/Human Fc chimeric IgG1

Clonality Monoclonal Reactivity Human **Applications** Flow Cyt

Recommended

Storage & Shipping

Background

Flow Cyt 1:100 **Dilutions**

Purified from cell culture supernatant by affinity **Purification**

chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

The protein encoded by this gene is a member of the G-protein-coupled receptor family. This protein is a receptor for interleukin 8 (IL8). It binds to IL8 with high affinity; and transduces the signal through a G-protein activated second messenger system. This receptor also binds to chemokine (C-X-C motif) liegand 1 (CXCL1:MGSA); a protein with melanoma growth stimulating activity; and has been shown to be a major component required for serum-dependent melanoma cell growth. This receptor mediates

neutrophil migration to sites of inflammation. The angiogenic effects of IL8 in intestinal

microvascular endothelial cells are found to be mediated by this receptor. Knockout studies in mice suggested that this receptor controls the positioning of oligodendrocyte precursors in developing spinal cord by arresting their migration. This gene; IL8RA; a gene encoding another high affinity IL8 receptor; as well as IL8RBP; a pseudogene of IL8RB; form a gene cluster in a region mapped to chromosome 2q33q36. Alternatively spliced variants; encoding the same protein; have been identified. [provided by

> Email: info@dimabio.com Website: www.dimabio.com

RefSeq; Nov 2009]

Usage Research use only

Conjugate Biotinylated

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DIMA Disclaimer

All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are actively scrutinizing all patent application to ensure no IP infringement.

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