

PRODUCT INFORMATION

Clone ID DMC447 CCR2 **Target**

Synonyms CC-CKR-2; MCP-1-R; CD192

Host Species Rabbit

Description Anti-CCR2 antibody(DMC447); IgG1 Chimeric mAb

Delivery In Stock **Uniprot ID** P41597

IgG type Rabbit/Human Fc chimeric IgG1

Clonality Monoclonal Reactivity Human **Applications** Flow Cyt

Recommended

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 Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

The protein encoded by this gene is a receptor for

monocyte chemoattractant protein-1; a chemokine which specifically mediates monocyte chemotaxis. Monocyte chemoattractant protein-1

is involved in monocyte infiltration in inflammatory diseases such as rheumatoid

Background

arthritis as well as in the inflammatory response against tumors. The encoded protein mediates agonist-dependent calcium mobilization and inhibition of adenylyl cyclase. This protein can also be a coreceptor with CD4 for HIV-1 infection. This gene is located in the chemokine receptor

gene cluster region of chromosome 3.

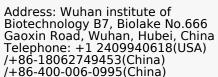
Usage Research use only

Conjugate Unconjugated 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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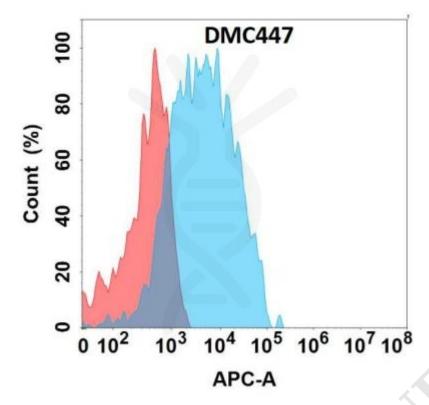


Figure 1. Flow cytometry analysis with Anti-CCR2 (DMC447) on Expi293 cells transfected with human CCR2 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

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