

# 12-9435: Anti-CCR2 antibody(DMC447); IgG1 Chimeric mAb

| Clonality :        | Monoclonal                    |
|--------------------|-------------------------------|
| Clone Name :       | DMC447                        |
| Application :      | FACS                          |
| Reactivity :       | Human                         |
| Uniprot ID :       | P41597                        |
| Alternative Name : | CC-CKR-2; MCP-1-R; CD192      |
| Isotype :          | Rabbit/Human Fc chimeric IgG1 |

### Description

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

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 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.

### **Product Info**

| Amount :            | 10 µg / 100 µg  |
|---------------------|---|
| Purification :      | Purified from cell culture supernatant by affinity chromatography   |
| Content :           | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.  |
| Storage condition : | 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. |

## **Application Note**

#### FACS 1:100

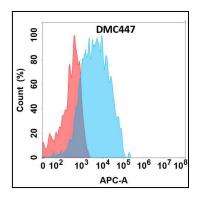


Figure 1. Flow cytometry analysis with Anti-CCR2 (DMC447) on Expi293 cells transfected with human CCR2 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).