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

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|---|---|
| **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

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|---|---|
| **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

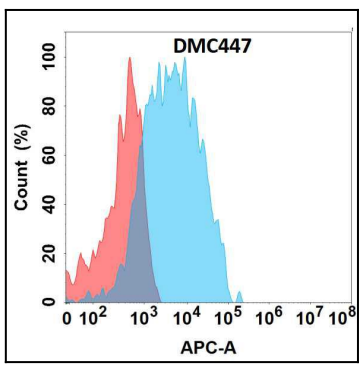



Figure 1. Flow cytometry analysis with Anti-CCR2 (DMC447) on Expi293 cells transfected with human CCR2 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

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