CCR2 (DMC447) IGG1 CHIMERIC MAB

Cat.#: 28235

Product Name: Anti-CCR2(DMC447) IgG1 Chimeric Monoclonal Antibody

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

Description: Anti-CCR2 antibody(DMC447) IgG1 Chimeric Monoclonal Antibody

Background: 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.

Applications: Flow Cyt

Recommended Dilutions: Flow Cyt 1:100

Host Species: Rabbit

Isotype: Rabbit:Human Fc chimeric IgG1

Purification: Purified from cell culture supernatant by affinity chromatography

Species Reactivity: Human CCR2

Constituents: Lyophilized from sterile PBS, pH 7.4. 5 % – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: 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).

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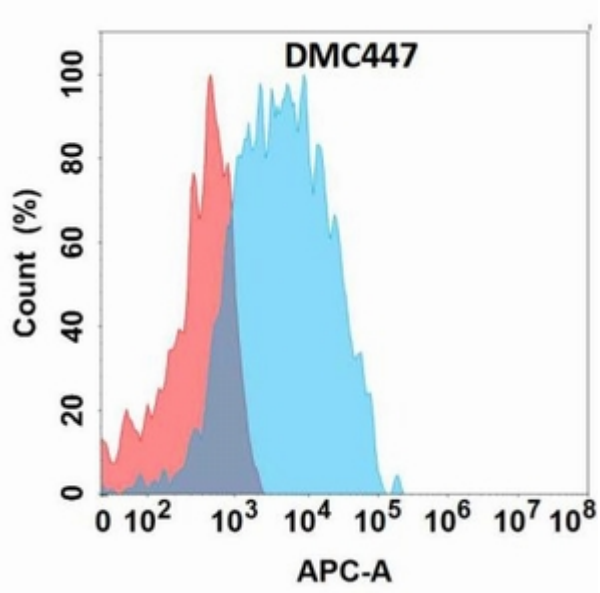

Figure 1. Flow cytometry analysis with Anti-CCR2 (DMC447) on Expi293 cells transfected with human CCR2 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

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