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12-9453: Anti-CCR6 antibody(DMC477); IgG1 Chimeric mAb

Clone Name : Monoclonal
Clone Name : DMC477
Application : FACS
Reactivity : Human
Uniprot ID : P51684

BN-1; C-C CKR-6; CC-CKR-6; CCR-6; CD196; CKR-13; CKRL3; CMKBR6; DCR2; DRY6; GPR29;

Alternative Name : GPRCY4; STRL22

Isotype: Rabbit/Human Fc chimeric IgG1

Description

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This gene encodes a member of the beta chemokine receptor family; which is predicted to be a seven transmembrane protein similar to G protein-coupled receptors. The gene is preferentially expressed by immature dendritic cells and memory T cells. The ligand of this receptor is macrophage inflammatory protein 3 alpha (MIP-3 alpha). This receptor has been shown to be important for B-lineage maturation and antigen-driven B-cell differentiation; and it may regulate the migration and recruitment of dentritic and T cells during inflammatory and immunological responses. Alternatively spliced transcript variants that encode the same protein have been described for this gene. [provided by RefSeq; Jul 2008]

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.

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

Storage condition:

FACS 1:100

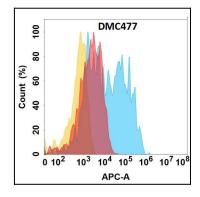


Figure 1. CCR6 protein is highly expressed on the surface of Expi293 cell membrane. Flow cytometry analysis with Anti-CCR6 (DMC477) on Expi293 cells transfected with human CCR6 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram), and Isotype antibody on Expi293 transfected with irrelevant protein (Orange histogram).