

PRODUCT INFORMATION

Clone ID **DMC477 Target** CCR6

BN-1; C-C CKR-6; CC-CKR-6; CCR-6; CD196; CKR-**Synonyms**

L3; CKRL3; CMKBR6; DCR2; DRY6; GPR29;

GPRCY4; STRL22

Host Species Rabbit

Description Anti-CCR6 antibody(DMC477); IgG1 Chimeric mAb

Delivery In Stock P51684 **Uniprot ID**

Rabbit/Human Fc chimeric IgG1 IgG type

Clonality Monoclonal Reactivity Human **Applications** Flow Cyt

Recommended

Background

DIMA Disclaimer

Dilutions

Flow Cyt 1:100

Purified from cell culture supernatant by affinity **Purification**

chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & 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 at -80°C (Avoid repeated freezing and thawing). Storage & Shipping Lyophilized proteins are shipped at ambient

temperature.

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

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 artists a driver B cell differentiation; and it 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]

Research use only Usage 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

> Email: info@dimabio.com Website: www.dimabio.com

actively scrutinizing all patent application to

ensure no IP infringement.

Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China Telephone: +1 2409940618(USA) /+86-18062749453(China) /+86-400-006-0995(China)





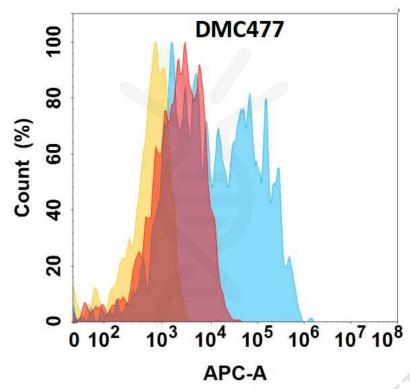


Figure 1. CCR6 protein is highly expressed on the surface of HEK293 cell membrane. Flow cytometry analysis with Anti-CCR6 (DMC477) on HEK293 cells transfected with human CCR6 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram), and Isotype antibody on HEK293 transfected with irrelevant protein (Orange histogram).

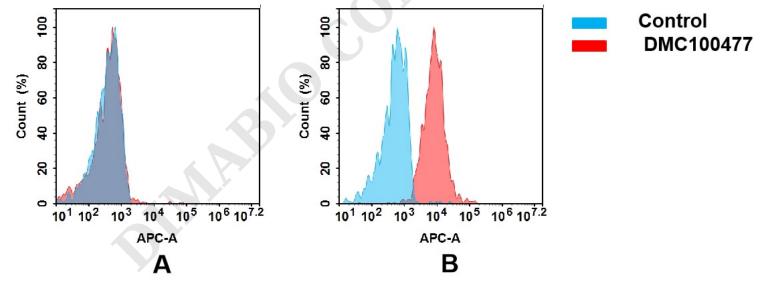
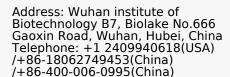


Figure 2. Flow cytometry analysis of antigen binding of anti-human CCR6 mAb(DMC100477). (A) DMC100477 does not bind to CHO-S cells that do not express CCR6. (B) A clear peak shift of DMC100477 was seen compared to the control when incubated with CCR6-expressing Huh7 cells, indicating strong binding of DMC100477 to CCR6. Antibodies were incubated at 5 μ g/mL.



Email: info@dimabio.com Website: www.dimabio.com

