

CXCR2 (DMC681) IGG1 CHIMERIC MAB

目录: 28279

产品名称: CXCR2(DMC681) IgG1 Chimeric Monoclonal Antibody

基因符号: CD182; CDw128b; CMKAR2; IL8R2; IL8RA; IL8RB

描述: CXCR2 antibody(DMC681) IgG1 Chimeric Monoclonal Antibody

背景: The protein encoded by this gene is a member of the G-protein-coupled receptor family. This protein is a receptor for interleukin 8 (IL8). It binds to IL8 with high affinity; and transduces the signal through a G-protein activated second messenger system. This receptor also binds to chemokine (C-X-C motif) ligand 1 (CXCL1:MGSA); a protein with melanoma growth stimulating activity; and has been shown to be a major component required for serum-dependent melanoma cell growth. This receptor mediates neutrophil migration to sites of inflammation. The angiogenic effects of IL8 in intestinal microvascular endothelial cells are found to be mediated by this receptor. Knockout studies in mice suggested that this receptor controls the positioning of oligodendrocyte precursors in developing spinal cord by arresting their migration. This gene; IL8RA; a gene encoding another high affinity IL8 receptor; as well as IL8RBP; a pseudogene of IL8RB; form a gene cluster in a region mapped to chromosome 2q33-q36. Alternatively spliced variants; encoding the same protein; have been identified. [provided by RefSeq; Nov 2009]

经过测试的应用: Flow Cyt

推荐稀释度: Flow Cyt 1:100

种属反应性: Rabbit

亚型: Rabbit:Human Fc chimeric IgG1

纯化: Purified from cell culture supernatant by affinity chromatography

种属反应性: Human CXCR2

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

储存和运输: 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).

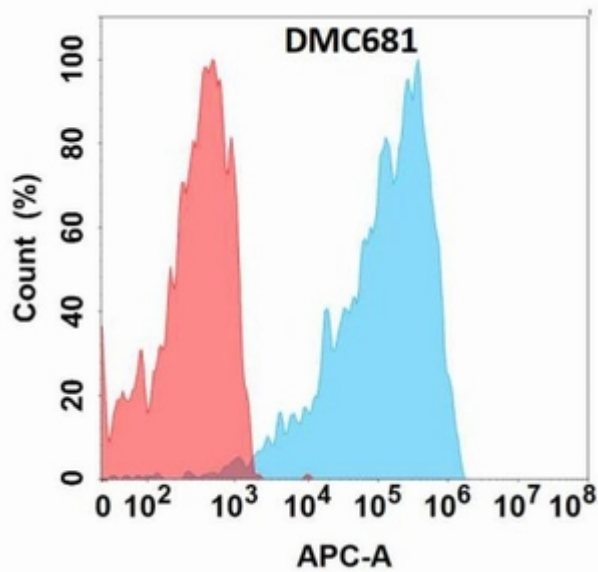


Figure 1. Flow cytometry analysis with CXCR2(DMC681) on Expi293 cells transfected with human CXCR2(Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).