

## Datasheet for ABIN7608177 **anti-CXCR2 antibody (Biotin)**



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### Overview

Quantity:	10 µg
Target:	CXCR2
Reactivity:	Human
Host:	Human, Rabbit
Clonality:	Chimeric
Conjugate:	This CXCR2 antibody is conjugated to Biotin
Application:	Flow Cytometry (FACS)

### Product Details

Purpose:	Biotinylated Anti-CXCR2 antibody(DMC681), IgG1 Chimeric mAb
Clone:	DMC681
Isotype:	IgG1
Purification:	Purified from cell culture supernatant by affinity chromatography

### Target Details

Target:	CXCR2
Alternative Name:	CXCR2 ( <a href="#">CXCR2 Products</a> )
Background:	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

## Target Details

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]

UniProt:	<a href="#">P25025, Q53PC4</a>
Pathways:	<a href="#">cAMP Metabolic Process</a>

## Application Details

Application Notes:	Flow Cyt 1:100
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	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.
Expiry Date:	12 months