

Datasheet for ABIN7608179
anti-CXCR4 antibody (Biotin)



[Go to Product page](#)

Overview

Quantity:	10 µg
Target:	CXCR4
Reactivity:	Human
Host:	Human, Rabbit
Clonality:	Chimeric
Conjugate:	This CXCR4 antibody is conjugated to Biotin
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	Biotinylated Anti-CXCR4 antibody(DMC680), IgG1 Chimeric mAb
Clone:	DMC680
Isotype:	IgG1
Purification:	Purified from cell culture supernatant by affinity chromatography

Target Details

Target:	CXCR4
Alternative Name:	CXCR4 (CXCR4 Products)
Background:	<p>This gene encodes a CXC chemokine receptor specific for stromal cell-derived factor-1. The protein has 7 transmembrane regions and is located on the cell surface. It acts with the CD4 protein to support HIV entry into cells and is also highly expressed in breast cancer cells.</p> <p>Mutations in this gene have been associated with WHIM (warts, hypogammaglobulinemia,</p>

Target Details

infections, and myelokathexis) syndrome. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]

UniProt: [P61073](#), [A0A0U3FJG0](#), [A0A0U3GXA9](#)

Pathways: [Regulation of Cell Size](#), [CXCR4-mediated Signaling Events](#)

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