

**PRODUCT INFORMATION**

<b>Clone ID</b>	DMC679
<b>Target</b>	CXCR5
<b>Synonyms</b>	Blr1; CXC-R5; CXCR-5; Gpcr6; MDR15
<b>Host Species</b>	Rabbit
<b>Description</b>	Anti-CXCR5 antibody(DMC679); IgG1 Chimeric mAb
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	P32302; A0N0R2; A8K647; Q2YD84
<b>IgG type</b>	Rabbit/Human Fc chimeric IgG1
<b>Clonality</b>	Monoclonal
<b>Reactivity</b>	Human
<b>Applications</b>	Flow Cyt; IHC
<b>Recommended Dilutions</b>	Flow Cyt 1:100; IHC 1:100
<b>Purification</b>	Purified from cell culture supernatant by affinity chromatography
<b>Formulation &amp; Reconstitution</b>	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.
<b>Storage &amp; Shipping</b>	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.
<b>Background</b>	Cytokine receptor that binds to B-lymphocyte chemoattractant (BLC). Involved in B-cell migration into B-cell follicles of spleen and Peyer patches but not into those of mesenteric or peripheral lymph nodes.[UniProtKB:Swiss-Prot Function]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated
<b>DIMA Disclaimer</b>	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 actively scrutinizing all patent application to ensure no IP infringement.



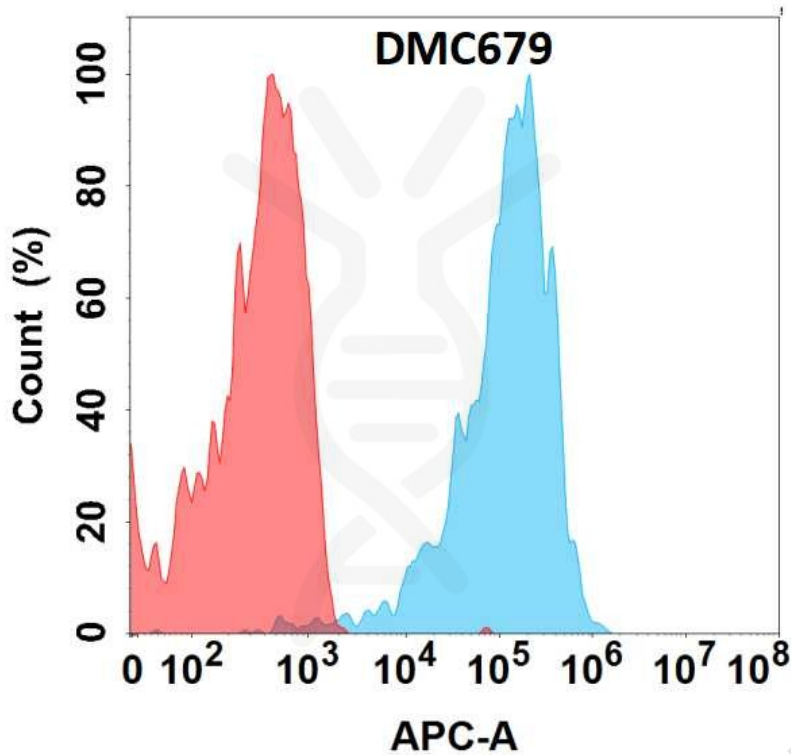


Figure 1. Flow cytometry analysis with Anti-CXCR5(DMC679) on Expi293 cells transfected with human CXCR5(Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

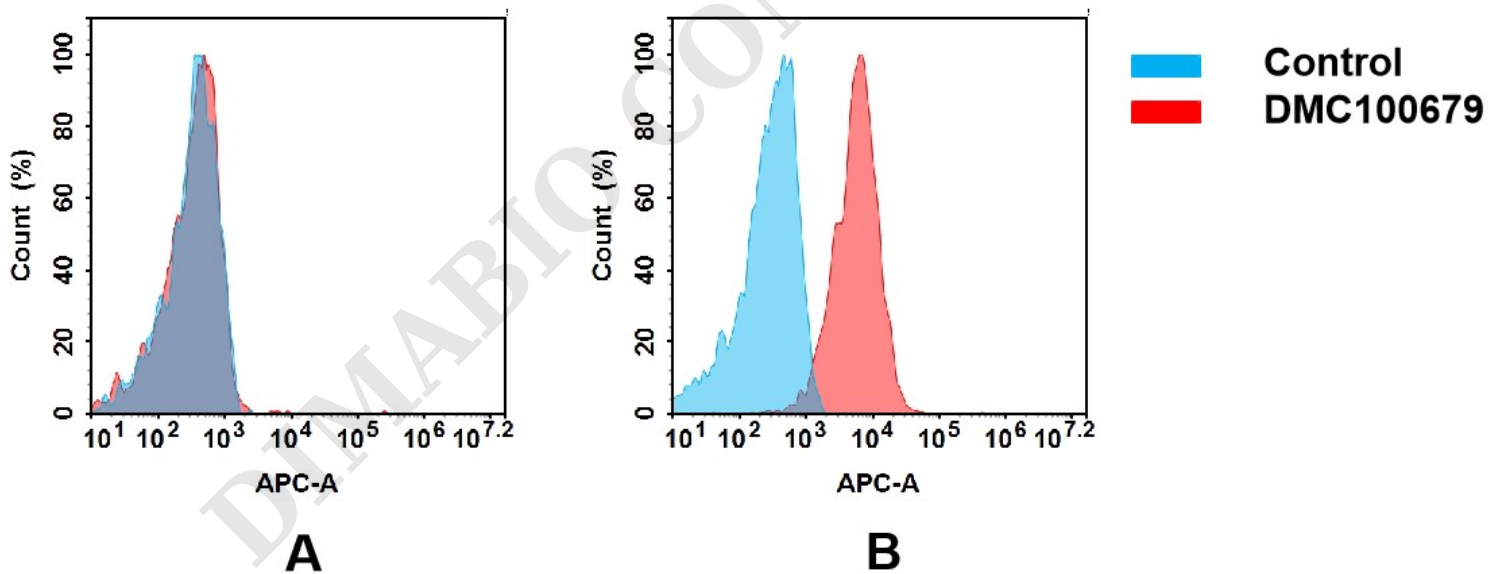


Figure 2. Flow cytometry analysis of antigen binding of anti-human CXCR5 mAb(DMC100679).

(A) DMC100679 does not bind to Hela cells that do not express CXCR5.

(B) A clear peak shift of DMC100679 was seen compared to the control when incubated with CXCR5-expressing Raji cells, indicating strong binding of DMC100679 to CXCR5. Antibodies were incubated at 5  $\mu$ g/mL.

