

**PRODUCT INFORMATION**

<b>Clone ID</b>	DM161
<b>Target</b>	CD5
<b>Synonyms</b>	CD5;LEU1
<b>Host Species</b>	Rabbit
<b>Description</b>	Anti-CD5 antibody(DM161); Rabbit mAb
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	P06127
<b>IgG type</b>	Rabbit IgG
<b>Clonality</b>	Monoclonal
<b>Reactivity</b>	Human
<b>Applications</b>	ELISA; Flow Cyt
<b>Recommended Dilutions</b>	ELISA 1:5000-10000; Flow Cyt 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>	This gene encodes a member of the scavenger receptor cysteine-rich (SRCR) superfamily. Members of this family are secreted or membrane-anchored proteins mainly found in cells associated with the immune system. This protein is a type-I transmembrane glycoprotein found on the surface of thymocytes; T lymphocytes and a subset of B lymphocytes. The encoded protein contains three SRCR domains and may act as a receptor to regulate T-cell proliferation. Alternative splicing results in multiple transcript variants encoding different isoforms.
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



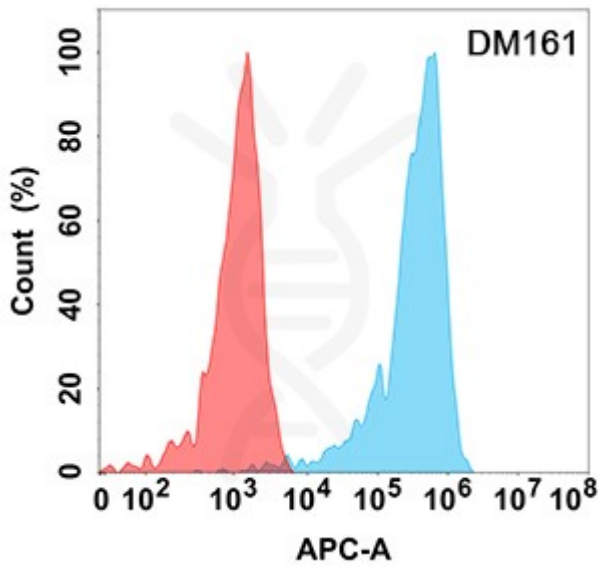


Figure 1. Flow cytometry analysis with Anti-CD5 (DM161) on Expi293 cells transfected with human CD5 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

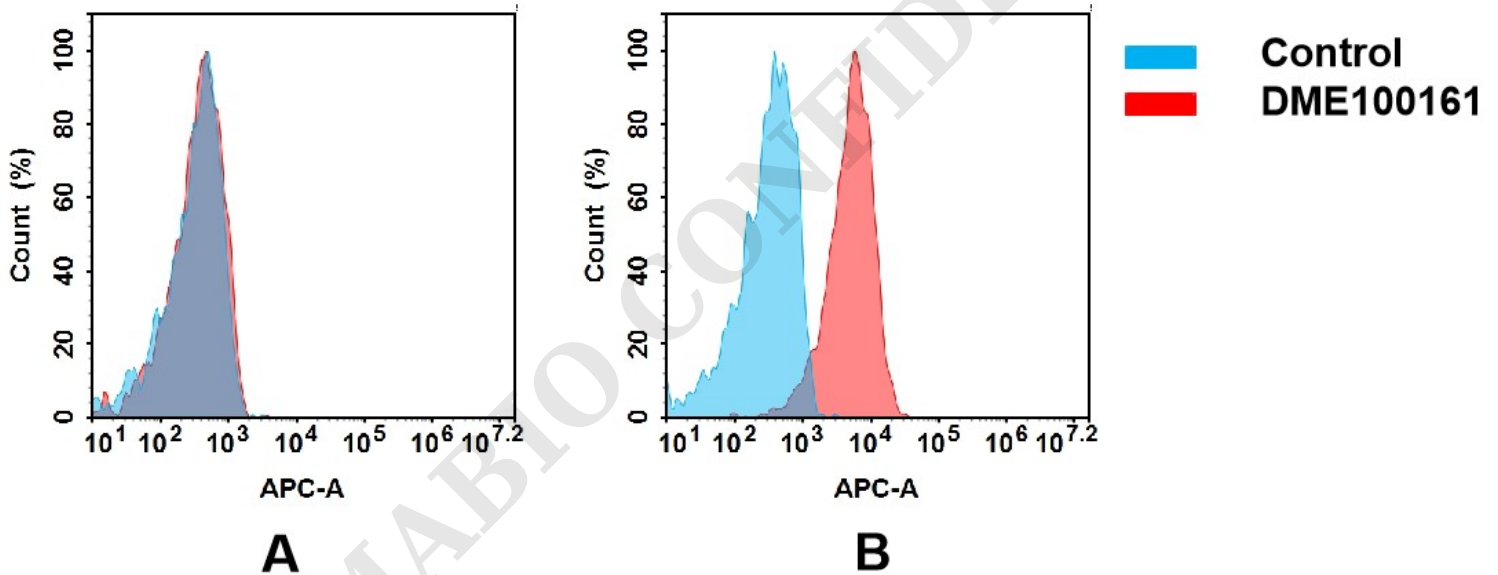


Figure 2. Flow cytometry analysis of antigen binding of rabbit anti-human CD5 mAb(DME100161).

(A) DME100161 does not bind to 293T cells that do not express CD5.

(B) A clear peak shift of DME100161 was seen compared to the control when incubated with CD5-expressing Jurkat cells, indicating strong binding of DME100161 to CD5. Antibodies were incubated at 10 µg/mL.

