

**PRODUCT INFORMATION**

<b>Clone ID</b>	DM125
<b>Target</b>	IL17RA
<b>Synonyms</b>	CD217;CDw217;IL-17RA;IL17R;CANDF5;hIL-17R
<b>Host Species</b>	Rabbit
<b>Description</b>	Anti-IL17RA antibody(DM125); Rabbit mAb
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	Q96F46
<b>IgG type</b>	Rabbit IgG
<b>Clonality</b>	Monoclonal
<b>Reactivity</b>	Human
<b>Applications</b>	Flow Cyt
<b>Recommended Dilutions</b>	Flow Cyt 1:100
<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>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>Background</b>	Interleukin 17A (IL-17A) is a proinflammatory cytokine secreted by activated T-lymphocytes. It is a potent inducer of the maturation of CD34-positive hematopoietic precursors into neutrophils. The transmembrane protein encoded by this gene (interleukin 17A receptor; IL17RA) is a ubiquitous type I membrane glycoprotein that binds with low affinity to interleukin 17A. Interleukin 17A and its receptor play a pathogenic role in many inflammatory and autoimmune diseases such as rheumatoid arthritis. Like other cytokine receptors; this receptor likely has a multimeric structure. Alternative splicing results in multiple transcript variants encoding different isoforms.
<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 scr



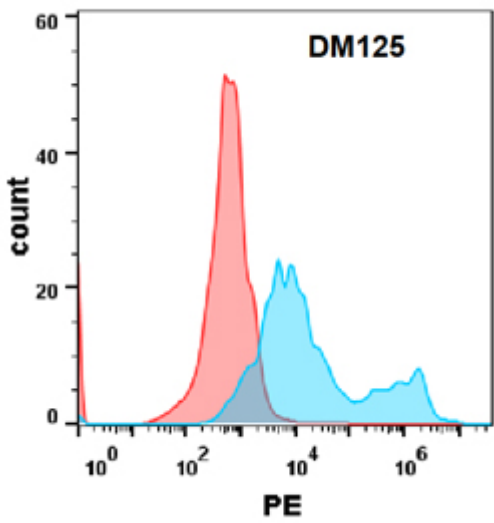


Figure 1. Flow cytometry analysis with Anti-IL-17RA (DM125) on HEK293 cells transfected with human IL17RA (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

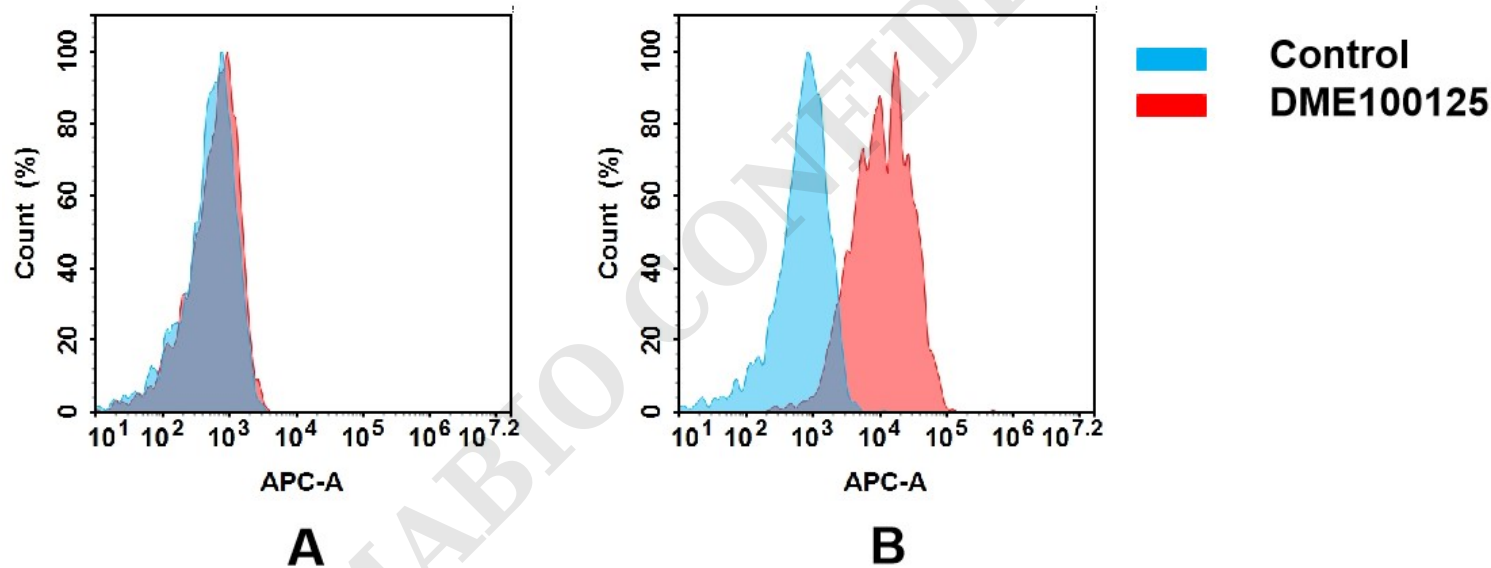


Figure 2. Flow cytometry analysis of antigen binding of rabbit anti-human IL17RA mAb(DME100125).  
(A) DME100125 does not bind to CHO-S cells that do not express IL17RA.  
(B) A clear peak shift of DME100125 was seen compared to the control when incubated with IL17RA-expressing THP-1 cells, indicating strong binding of DME100125 to IL17RA. Antibodies were incubated at 5 µg/mL.

