PRODUCT INFORMATION

Clone ID	DM125
Target	IL17RA
Synonyms	CD217;CDw217;IL-17RA;IL17R;CANDF5;hIL-17R
Host Species	Rabbit
Description	Anti-IL17RA antibody(DM125); Rabbit mAb
Delivery	In Stock
Uniprot ID	Q96F46
IgG type	Rabbit IgG
Clonality	Monoclonal
Reactivity	Human
Applications	Flow Cyt
Recommended Dilutions	Flow Cyt 1:100
Storage&Shipping	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.
Purification	Purified from cell culture supernatant by affinity chromatography
Formulation & Reconstitution	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.
Background	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.
Usage	Research use only
Conjugate	Unconjugated
DIMA Disclaimer	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.

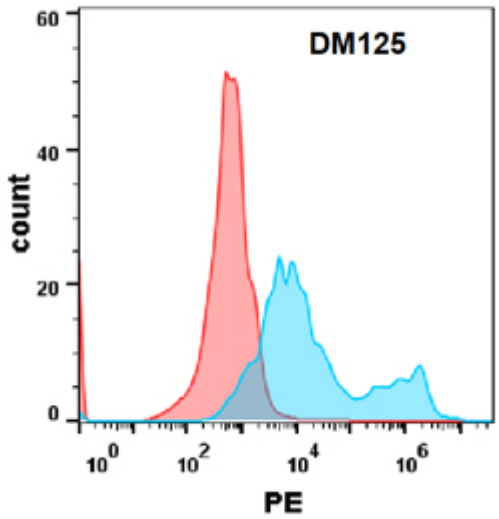

Figure 1. Flow cytometry analysis with Anti-IL-17RA (DM125) on HEK293 cells transfected with human IL17RA (Blue histogram)or HEK293 transfected with irrelevant protein (Red histogram).

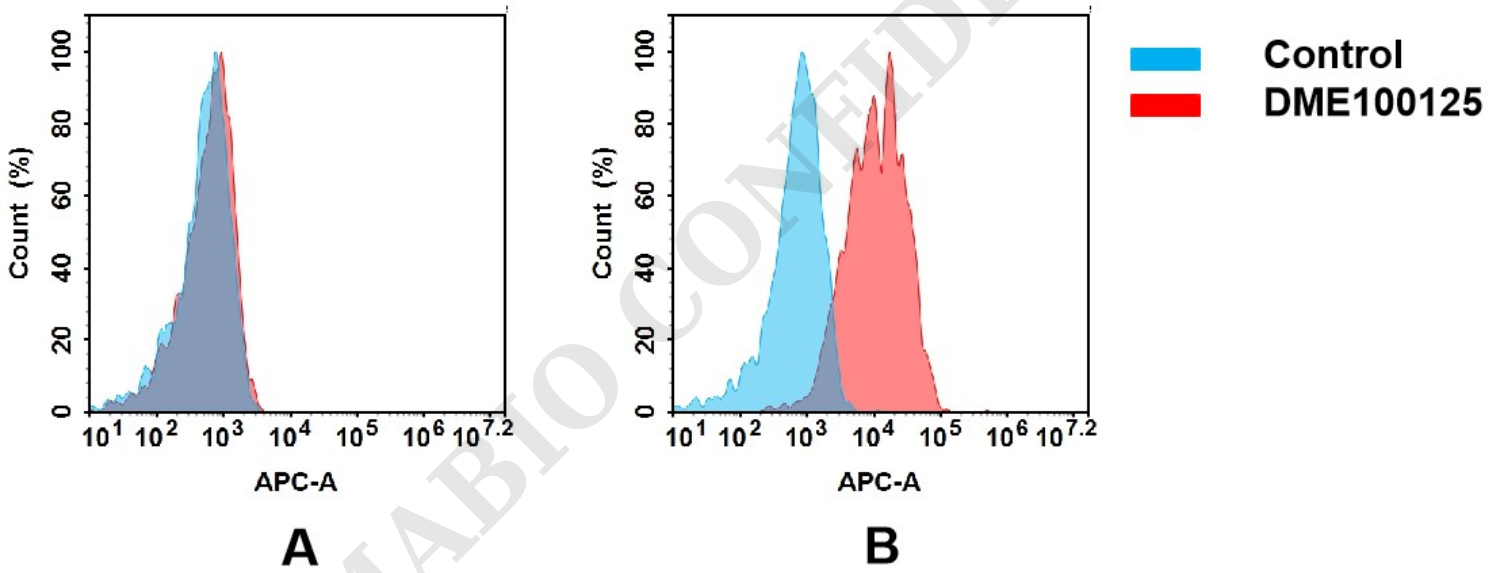

Figure 2. Flow cytometry analysis of antigen binding of rabbit anti-human IL17RA mAb(DME100125).
(A) DME100125 does not bind to CHO-S cells that do not express IL17RA.
(B) A clear peak shift of DME100125 was seen compared to the control when incubated with IL17RA-expressing THP-1 cells, indicating strong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