Anti-IL17RA antibody(DM125); Rabbit mAb

Cat. No. DME100125

## PRODUCT INFORMATION

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|---|---|
| **Clone ID** | **Warning**: Undefined variable $hasAttributeValueDescription in **/www/wwwroot/tech.dimabio.cn/wp-content/plugins/woocommerce-print-products/public/class-woocommerce-print-products-public.php** on line **2806**<br>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 |
| **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. |
| **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. |
| **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 scr |

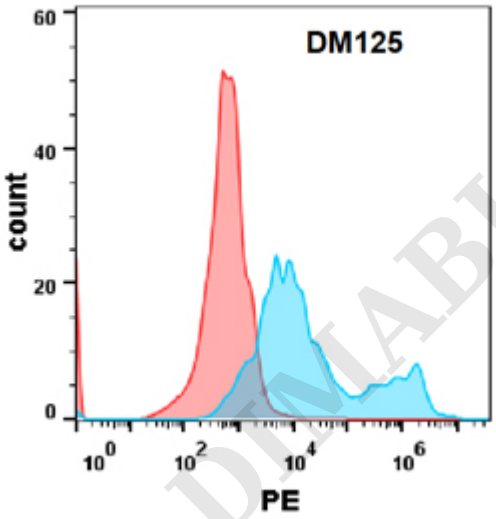



Figure 1. Flow cytometry analysis with Anti-IL-17RA (DM125) on HEK293 cells transfected with human IL17RA (Blue histogram)or HEK293 transfected with irrelevant protein (Red histogram).

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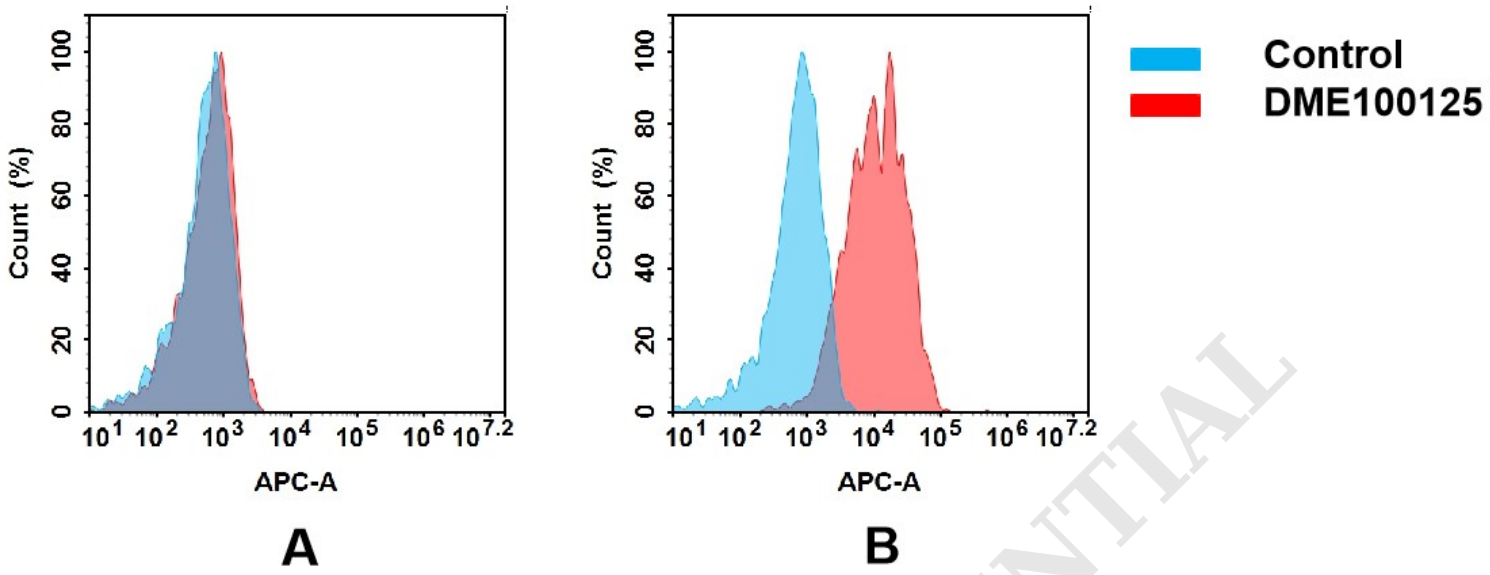



Figure 2. Flow cytometry analysis of antigen binding of rabbit anti-human IL17RA mAb(DME100125).
(A) DME100125 does not bind to CHO-S cells that do not express IL17RA.
(B) A clear peak shift of DME100125 was seen compared to the control when incubated with IL17RA-expressing THP-1 cells, indicating strong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

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