

**PRODUCT INFORMATION**

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|---|---|
| <b>Common Name</b>                      | AIN457  |
| <b>Synonyms</b>                         | CTLA-8;CTLA8;IL-17;IL-17A;IL17  |
| <b>Conjugate</b>                        | Unconjugated  |
| <b>Applications</b>                     | ELISA, Flow Cyt   |
| <b>Recommended Dilutions</b>            | ELISA 1:5000-10000, Flow Cyt 1:100  |
| <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>Host Species</b>                     | Homo sapiens  |
| <b>IgG type</b>                         | Human IgG1 - kappa  |
| <b>Reactivity</b>                       | Human   |
| <b>Target</b>                           | IL17A   |
| <b>Uniprot ID</b>                       | Q16552  |
| <b>Description</b>                      | Anti-IL17A(secukinumab biosimilar) mAb  |
| <b>Delivery</b>                         | In Stock  |
| <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>                       | Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.   |
| <b>Usage</b>                            | Research use only   |



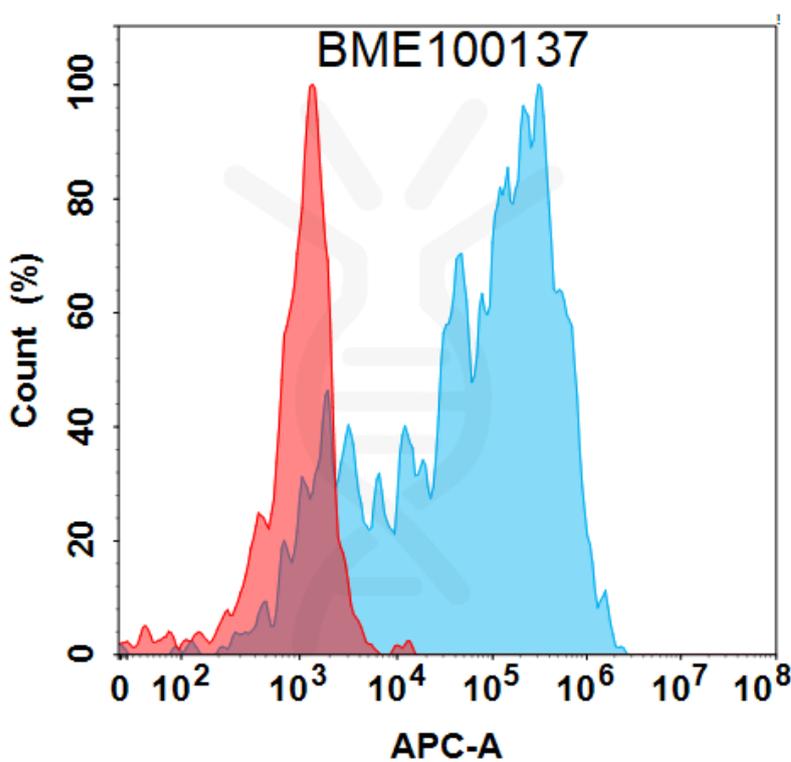


Figure 1. Flow cytometry analysis under cell membrane permeable condition with 1  $\mu$ g/mL Anti-IL17A (secukinumab biosimilar) mAb (BME100137) on HEK293 cells transfected with Human IL17A protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

### Anti-IL17A(secukinumab biosimilar) mAb ELISA

0.2  $\mu$ g of Human IL17A, hFc tagged protein per well

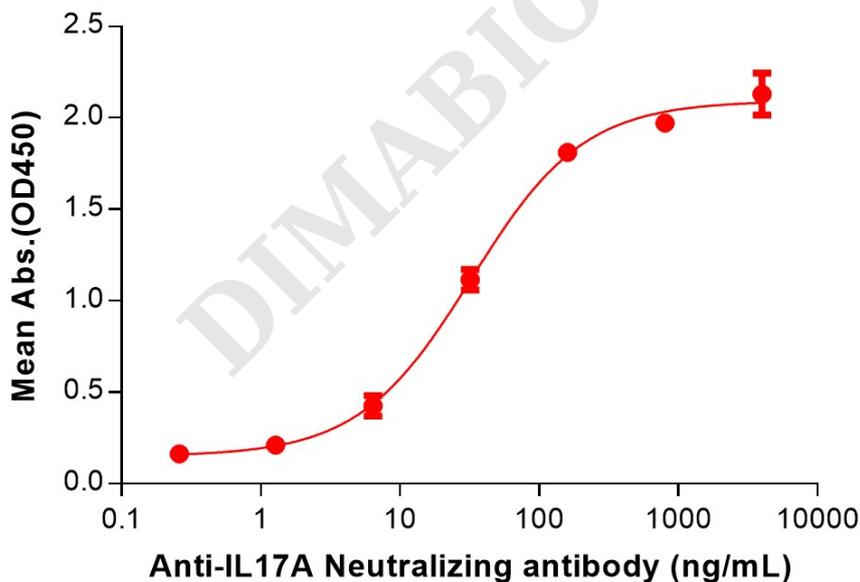


Figure 2. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Human IL17A Protein, hFc Tag (PME100884) can bind Anti-IL17A(secukinumab biosimilar) mAb (BME100137) in a linear range of 6.40-160 ng/mL. In order to specifically detect BME100137, mouse anti-human Fab-specific antibody was used as detection antibody.

