

PRODUCT INFORMATION

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



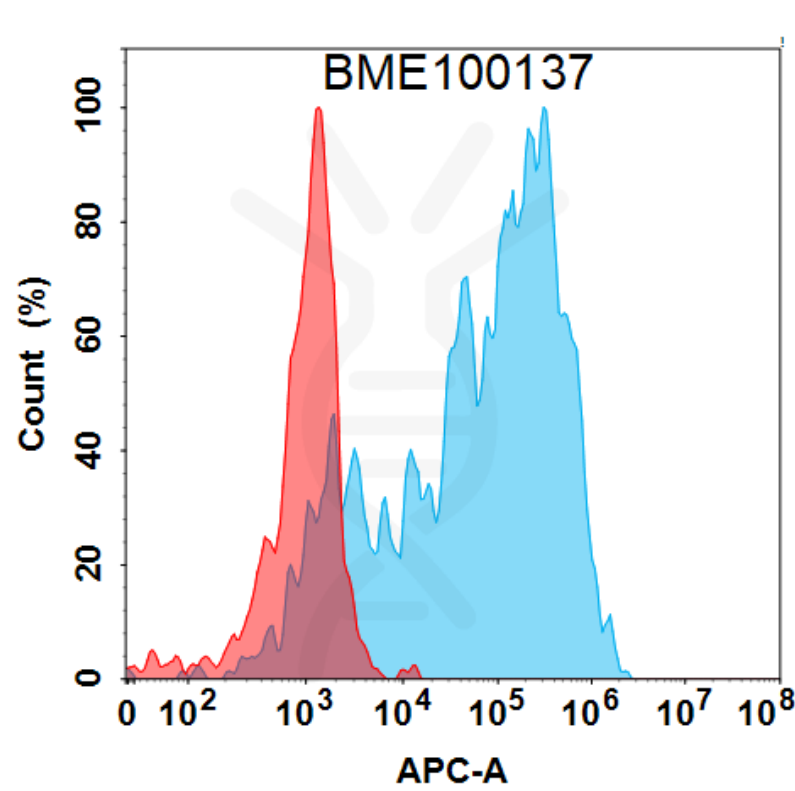


Figure 1. Flow cytometry analysis under cell membrane permeable condition with 1  $\mu$ g/mL Anti-IL17A (secukinumab biosimilar) mAb (BME100137) on HEK293 cells transfected with Human IL17A protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

**Anti-IL17A(secukinumab biosimilar) mAb ELISA**  
0.2  $\mu$ g of Human IL17A, hFc tagged protein per well

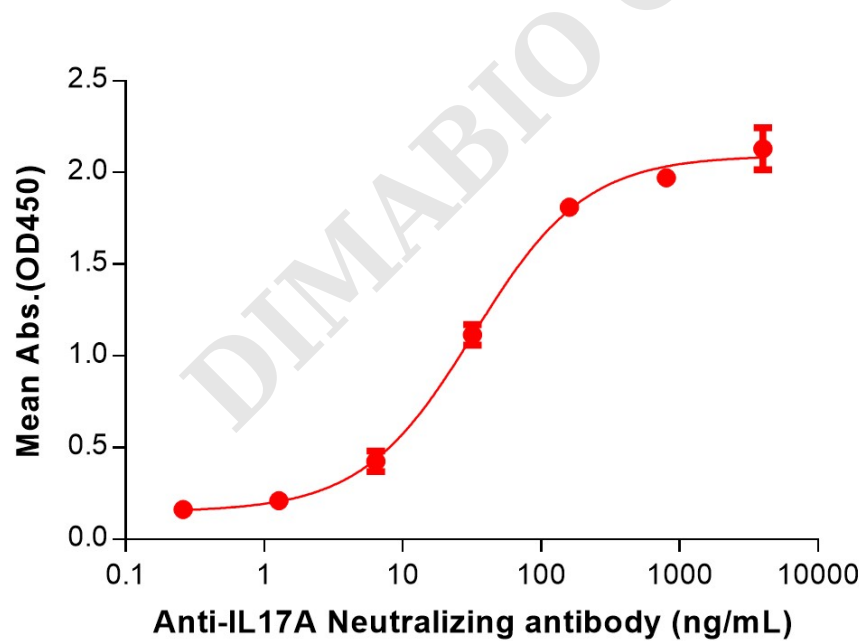


Figure 2. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Human IL17A Protein, hFc Tag (PME100884) can bind Anti-IL17A(secukinumab biosimilar) mAb (BME100137) in a linear range of 6.40-160 ng/mL. In order to specifically detect BME100137, mouse anti-human Fab-specific antibody was used as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

