

PRODUCT INFORMATION

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|---|---|
| Common Name | AIN457 |
| Synonyms | CTLA-8;CTLA8;IL-17;IL-17A;IL17 |
| Conjugate | Unconjugated |
| Applications | ELISA, Flow Cyt |
| Endotoxin | Less than 1.0 EU/μg by the LAL method. For <1 EU/mg requirements, please contact us for customization. |
| 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. |
| Sterility | Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use. |
| Background | Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals. |
| Usage | Research use only |



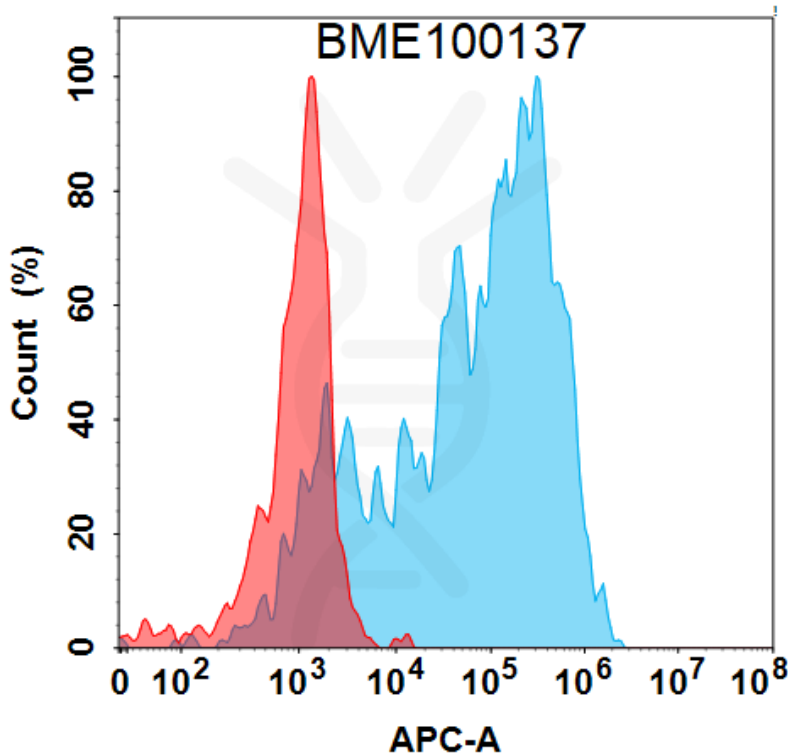


Figure 1. Flow cytometry analysis under cell membrane permeable condition with 1 μ g/mL Anti-IL17A (secukinumab biosimilar) mAb (BME100137) on HEK293 cells transfected with Human IL17A protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

Anti-IL17A(secukinumab biosimilar) mAb ELISA

0.2 μ g of Human IL17A, hFc tagged protein per well

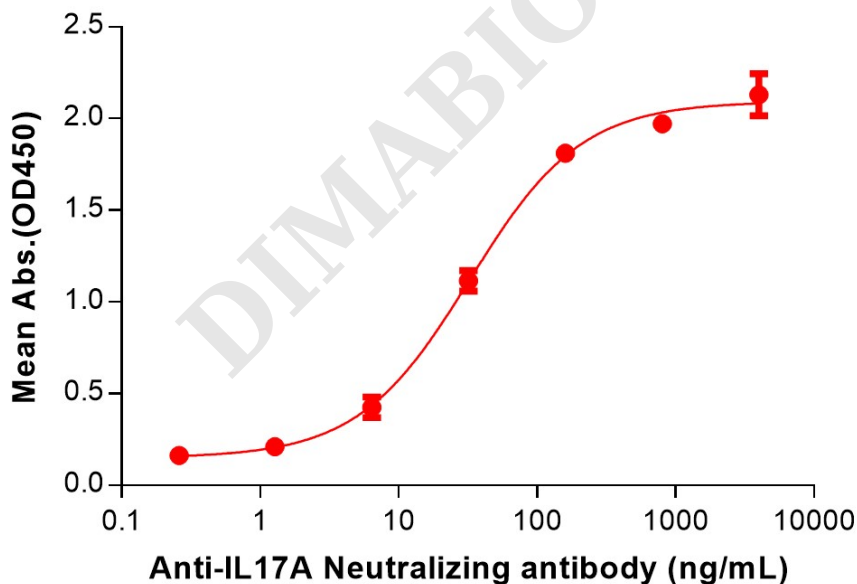


Figure 2. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human IL17A Protein, hFc Tag (PME100884) can bind Anti-IL17A(secukinumab biosimilar) mAb (BME100137) in a linear range of 6.40-160 ng/mL. In order to specifically detect BME100137, mouse anti-human Fab-specific antibody was used as detection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

