

PRODUCT INFORMATION

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| Common Name | NA |
| Conjugate | Unconjugated |
| Synonyms | C1QR1, MXRA4 |
| 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. |
| Host Species | Humanized |
| IgG type | Human IgG1 - kappa |
| Reactivity | Human |
| Target | CD93 |
| Uniprot ID | Q9NPY3 |
| Description | Anti-CD93(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 antibodies 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 |



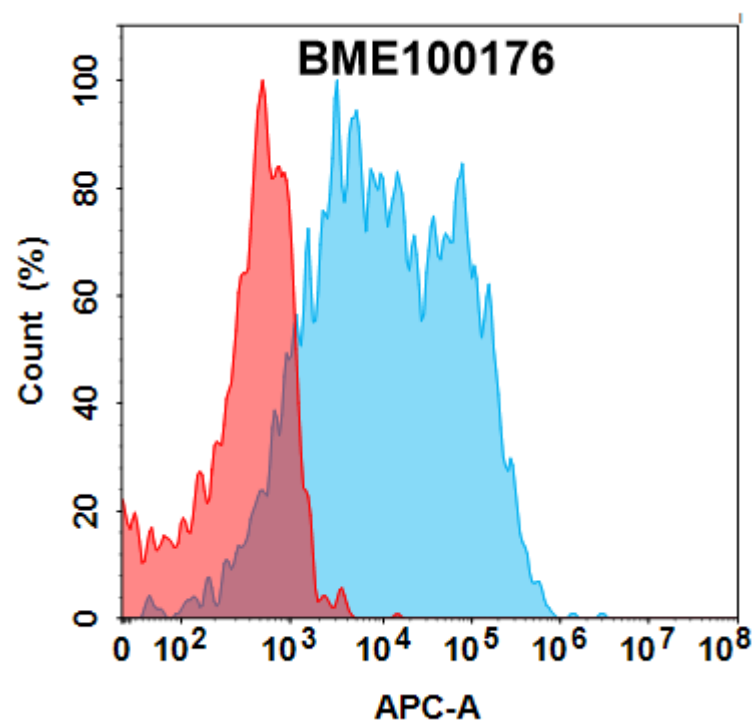


Figure 1. Flow cytometry analysis with 1µg/mL Anti-CD93(biosimilar) mAb (BME100176) on HEK293 cells transfected with Human CD93 protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

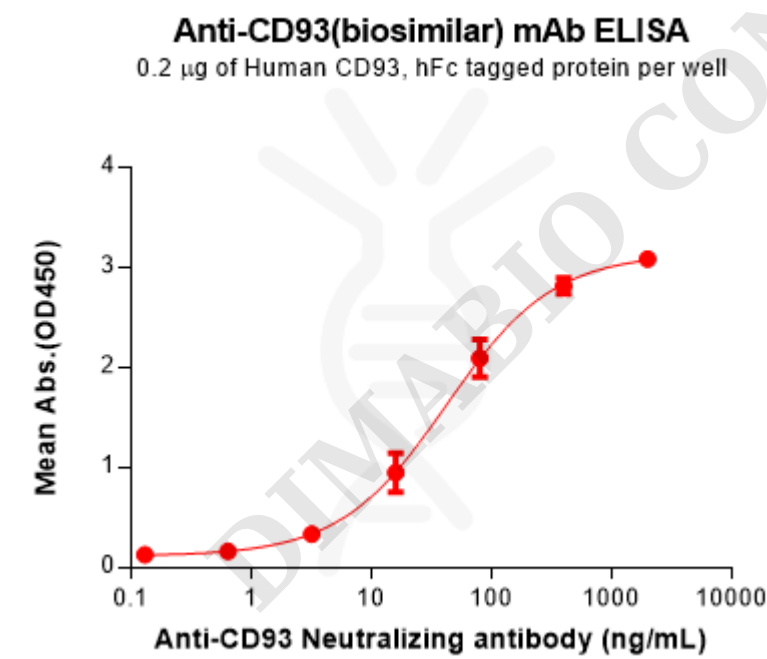


Figure 2. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human CD93 Protein, hFc Tag(PME100689) can bind Anti-CD93(biosimilar) mAb(BME100176) in a linear range of 3.20-80 ng/mL. In order to specifically detect BME100176, mouse anti-human Fab-specific antibody was used as detection antibody.



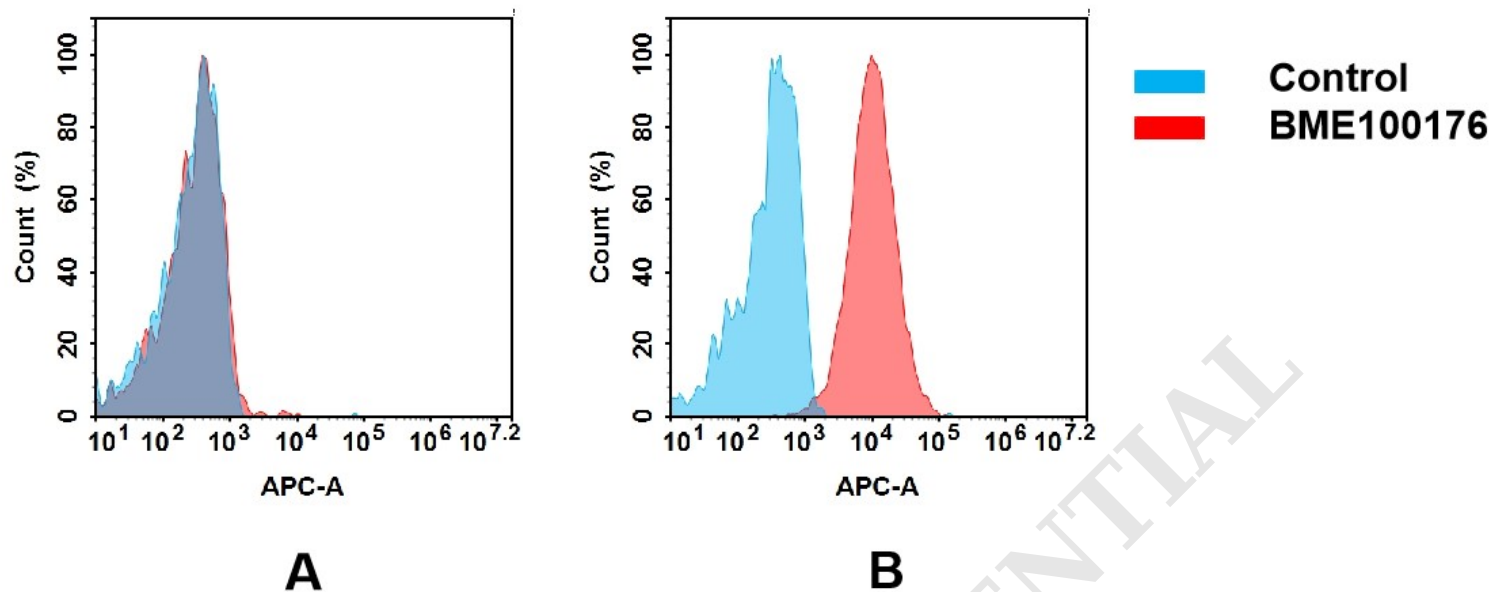


Figure 3. Flow cytometry analysis of antigen binding of anti-human CD93 mAb(BME100176).
(A) BME100176 does not bind to Jurkat cells that do not express CD93.
(B) A clear peak shift of BME100176 was seen compared to the control when incubated with CD93-expressing THP-1 cells, indicating strong binding of BME100176 to CD93. Antibodies were incubated at 5 µg/mL.

Anti-CD93(biosimilar) mAb ELISA

0.2 µg of Human CD93, mFc tagged protein per well

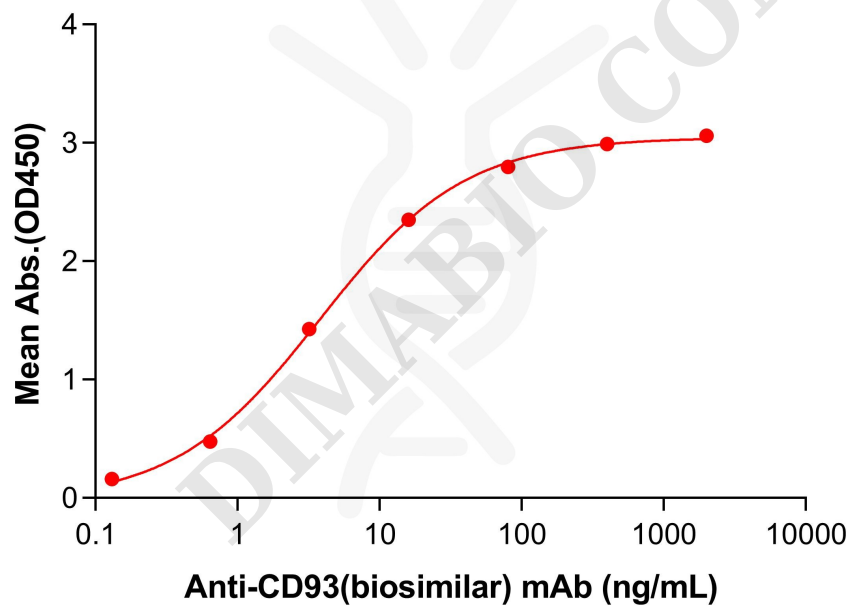


Figure 4. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human CD93 Protein, mFc Tag (PME100695) can bind Anti-CD93(biosimilar) mAb (BME100176) in a linear range of 0.64-16 ng/mL.

