

**PRODUCT INFORMATION**

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



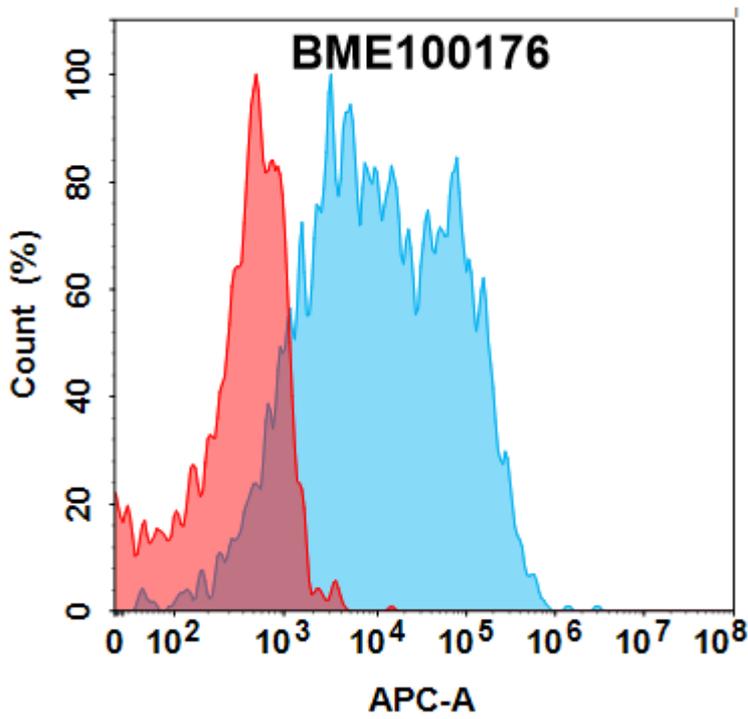


Figure 1. Flow cytometry analysis with 1 $\mu$ g/mL Anti-CD93(biosimilar) mAb (BME100176) on HEK293 cells transfected with Human CD93 protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

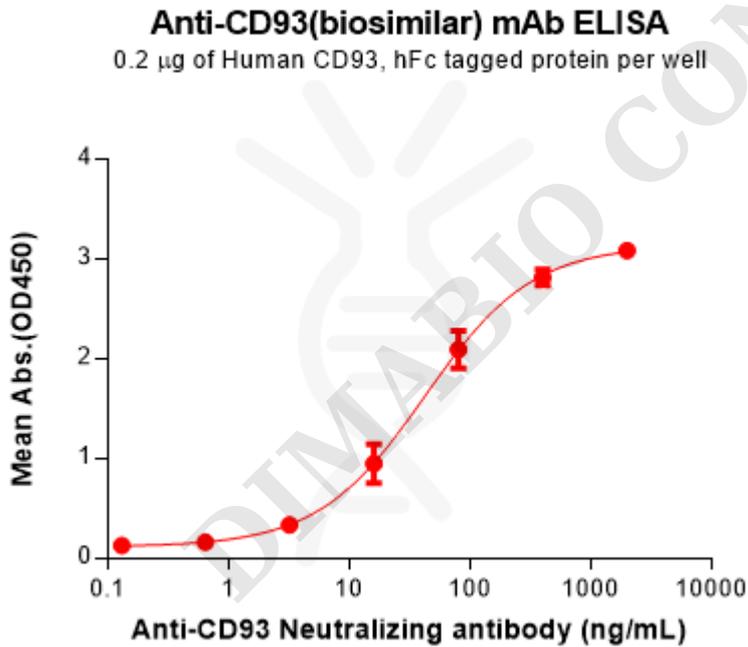


Figure 2. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Human CD93 Protein, hFc Tag(PME100689) can bind Anti-CD93(biosimilar) mAb(BME100176) in a linear range of 3.20-80 ng/mL. In order to specifically detect BME100176, mouse anti-human Fab-specific antibody was used as detection antibody.



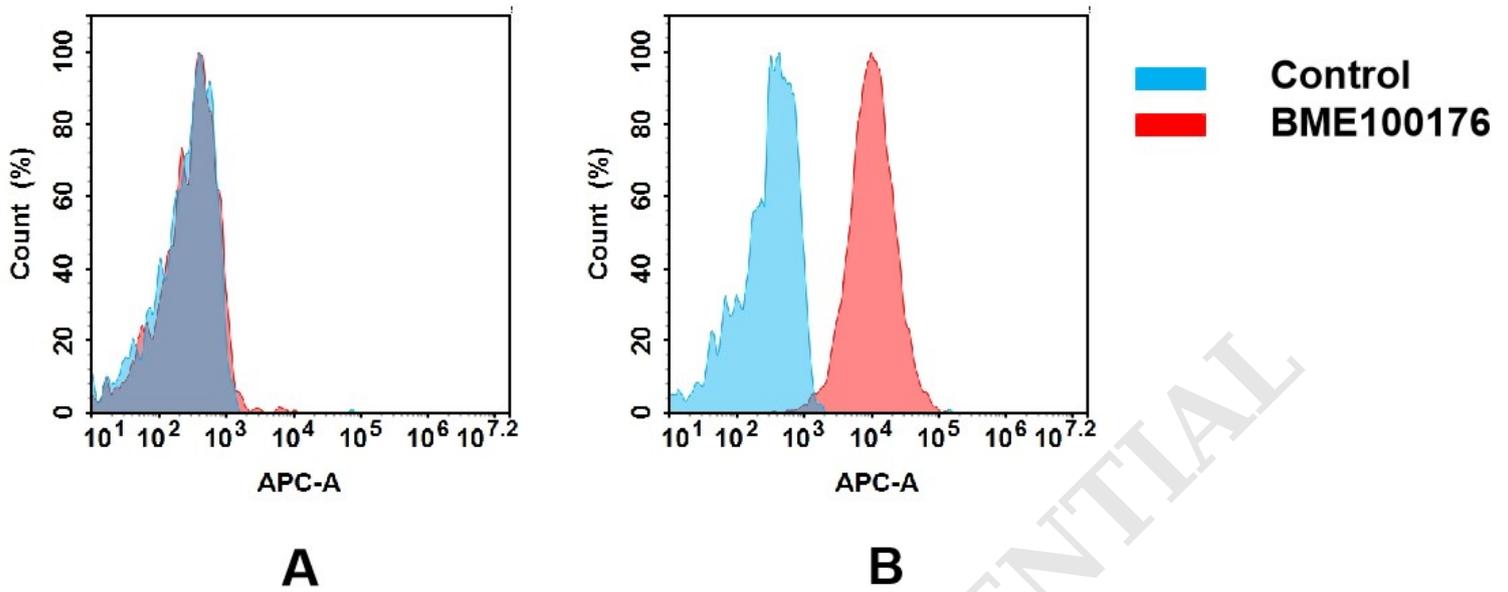


Figure 3. Flow cytometry analysis of antigen binding of anti-human CD93 mAb(BME100176).

(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  $\mu\text{g}/\text{mL}$ .

### Anti-CD93(biosimilar) mAb ELISA

0.2  $\mu\text{g}$  of Human CD93, mFc tagged protein per well

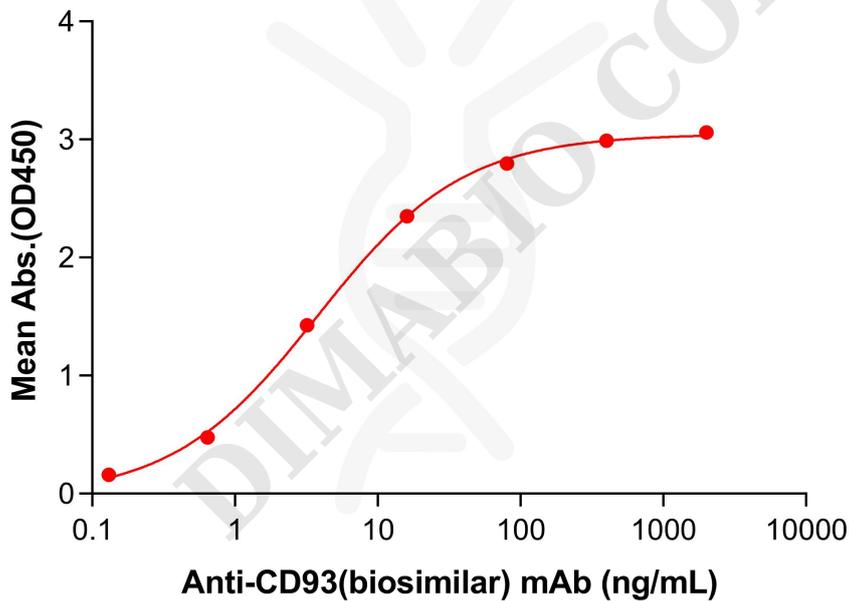


Figure 4. ELISA plate pre-coated by 2  $\mu\text{g}/\text{mL}$  (100  $\mu\text{L}/\text{well}$ ) Human CD93 Protein, mFc Tag (PME100695) can bind Anti-CD93(biosimilar) mAb (BME100176) in a linear range of 0.64-16 ng/mL.

