

**PRODUCT INFORMATION**

<b>Common Name</b>	BAY-1834942
<b>Synonyms</b>	CD66c;CEAL;NCA
<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>	Humanized
<b>IgG type</b>	IgG2
<b>Reactivity</b>	Human
<b>Target</b>	CEACAM6
<b>Uniprot ID</b>	P40199
<b>Description</b>	Anti-CEACAM6(tinurilimab 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
<b>Conjugate</b>	Unconjugated
<b>DIMA Disclaimer</b>	All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are actively scrutinizing all patent application to ensure no IP infringement.



## Anti-CEACAM6 (tinurilimab biosimilar) mAb ELISA

0.2  $\mu$ g of Human CEACAM6, His tagged protein per well

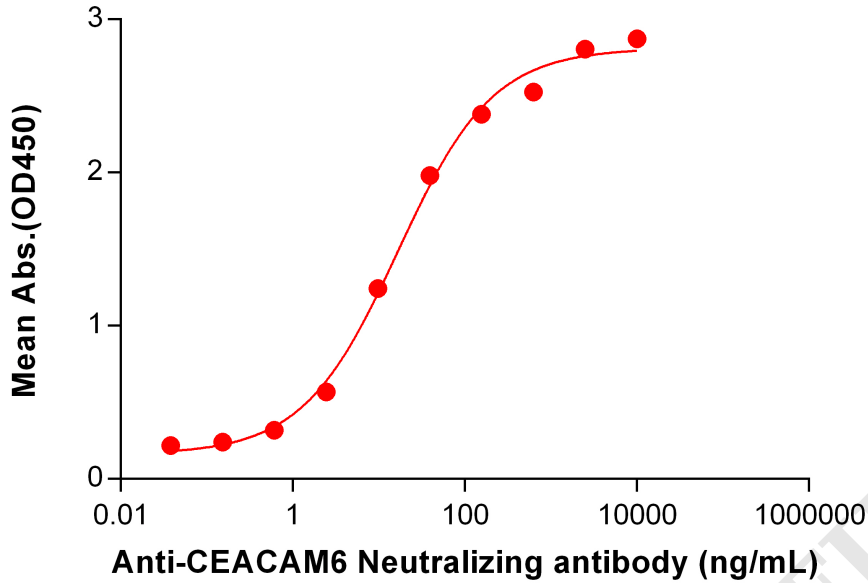


Figure 1. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Human CEACAM6 Protein, His Tag PME100822 can bind Anti-CEACAM6 Neutralizing antibody ( BME100100) in a linear range of 0.61-156.25 ng/mL.

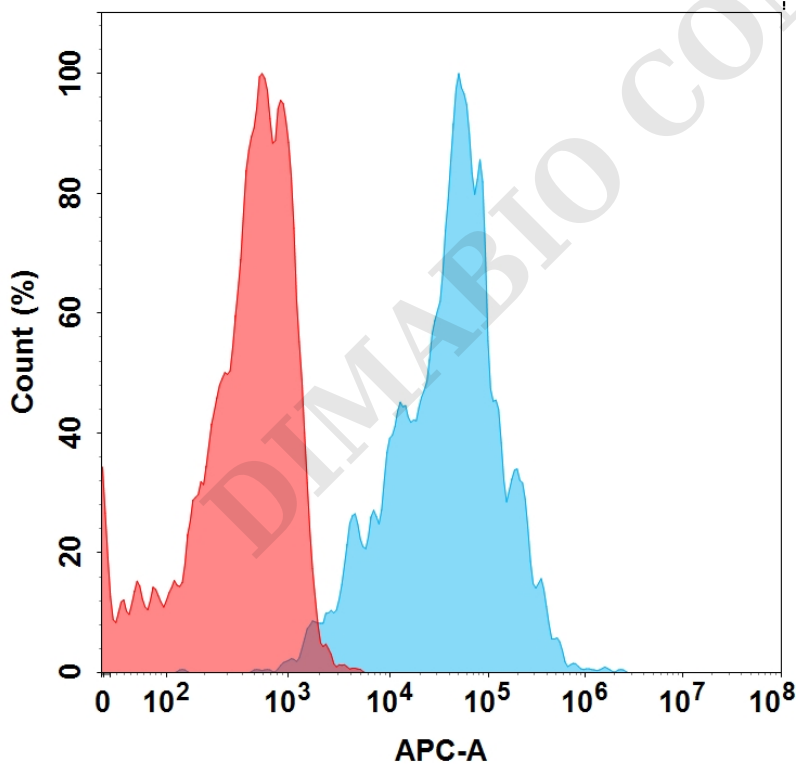


Figure 2. Flow cytometry analysis with 1  $\mu$ g/mL Anti-CEACAM6 (tinurilimab biosimilar) mAb (BME100100) on Expi293 cells transfected with Human CEACAM6 protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).



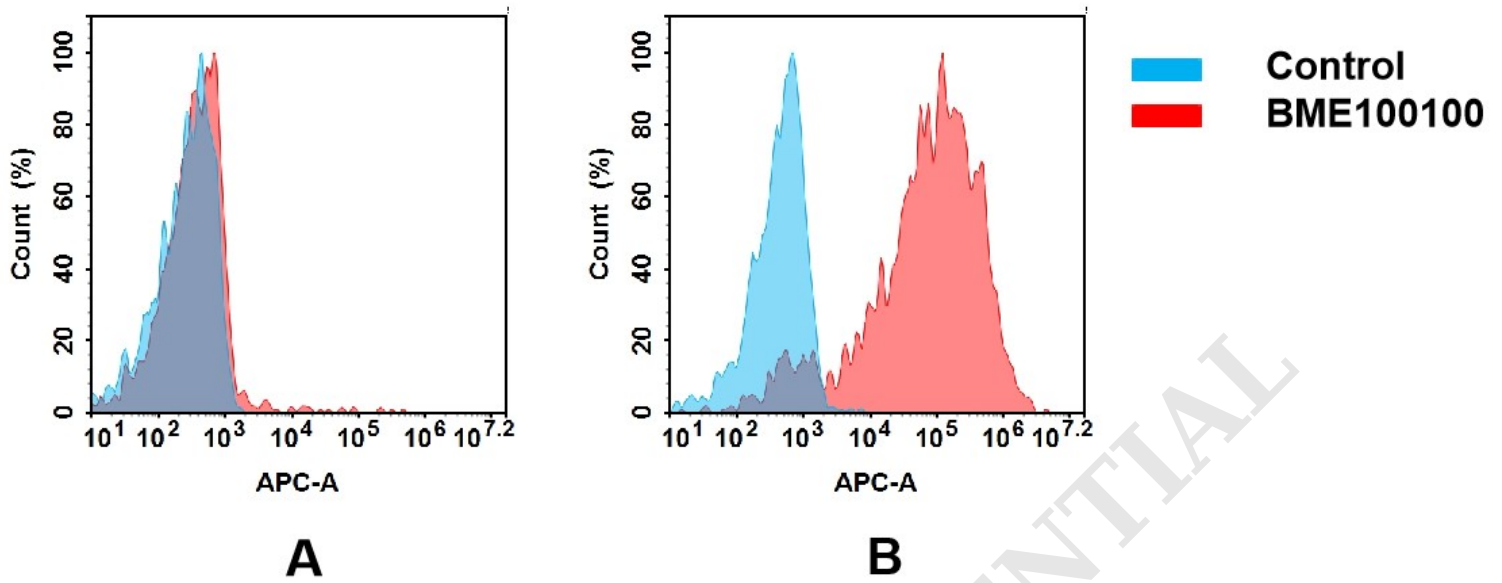


Figure 3. Flow cytometry analysis of antigen binding of anti-human CEACAM6 mAb(BME100100).  
(A) BME100100 does not bind to Jurkat cells that do not express CEACAM6.  
(B) A clear peak shift of BME100100 was seen compared to the control when incubated with CEACAM6-expressing TT cells, indicating strong binding of BME100100 to CEACAM6. Antibodies were incubated at 5  $\mu$ g/mL.

