PRODUCT INFORMATION

Common Name	BAY-1834942
Conjugate	Unconjugated
Synonyms	CD66c;CEAL;NCA
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	Humanized
IgG type	Human IgG2 – Kappa
Reactivity	Human
Target	CEACAM6
Uniprot ID	P40199
Description	Anti-CEACAM6(tinurilimab 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

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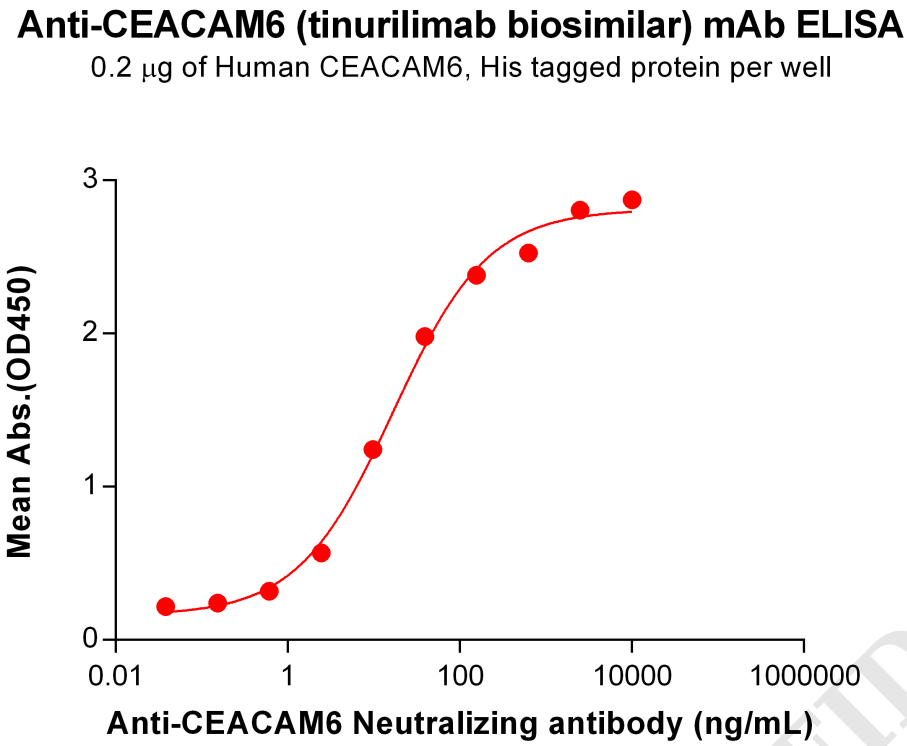

Figure 1. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human CEACAM6 Protein, His Tag PME100822 can bind Anti-CEACAM6 Neutralizing antibody (BME100100) in a linear range of 0.61–156.25 ng/mL.

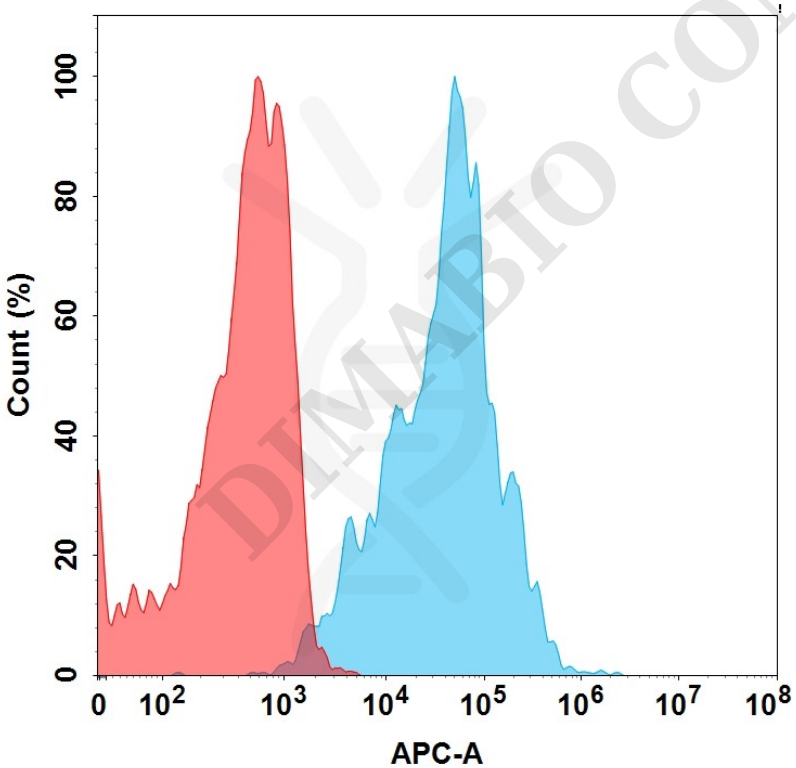

Figure 2. Flow cytometry analysis with 1 μg/mL Anti-CEACAM6 (tinurilimab biosimilar) mAb (BME100100) on HEK293 cells transfected with Human CEACAM6 protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

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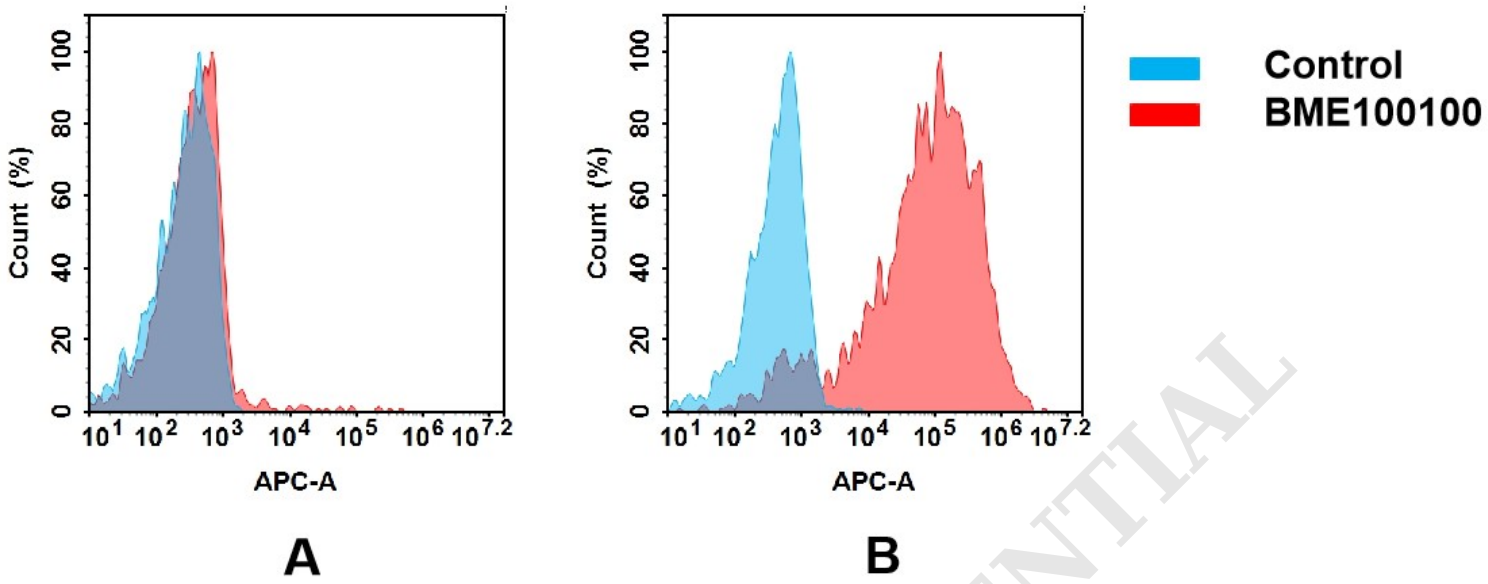

Figure 3. Flow cytometry analysis of antigen binding of anti-human CEACAM6 mAb(BME100100).
(A) BME100100 does not bind to Jurkat cells that do not express CEACAM6.
(B) A clear peak shift of BME100100 was seen compared to the control when incubated with CEACAM6-expressing TT cells, indicating strong binding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

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