

**PRODUCT INFORMATION**

<b>Common Name</b>	SAR-408377
<b>Synonyms</b>	CEA
<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>	Chimeric
<b>IgG type</b>	IgG1(E239D, M241L)
<b>Reactivity</b>	Human
<b>Target</b>	CEACAM5
<b>Uniprot ID</b>	P06731
<b>Description</b>	Anti-CEACAM5(tusamitamab 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

DIMA BIO PHARMACEUTICAL



### Anti-CEACAM5(tusamitamab biosimilar) mAb ELISA

0.2  $\mu$ g of Human CEACAM5, His tagged protein per well

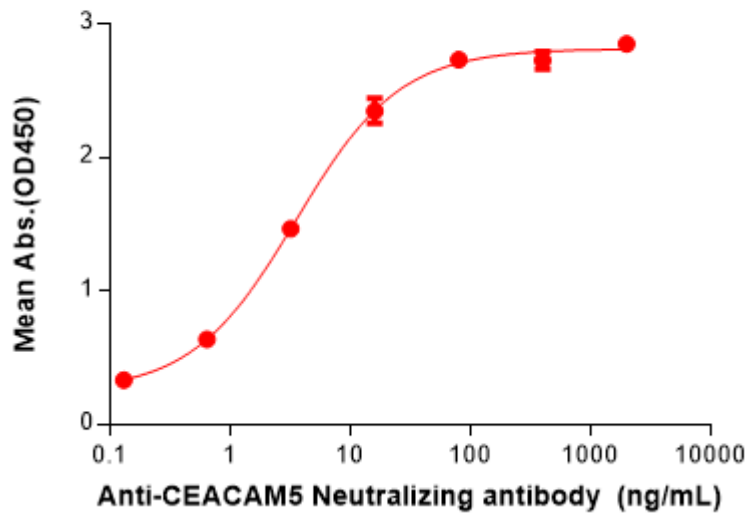


Figure 1. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Human CEACAM5 Protein, His Tag (PME100071) can bind Anti-CEACAM5(tusamitamab biosimilar) mAb (BME100195) in a linear range of 0.64–16 ng/mL.

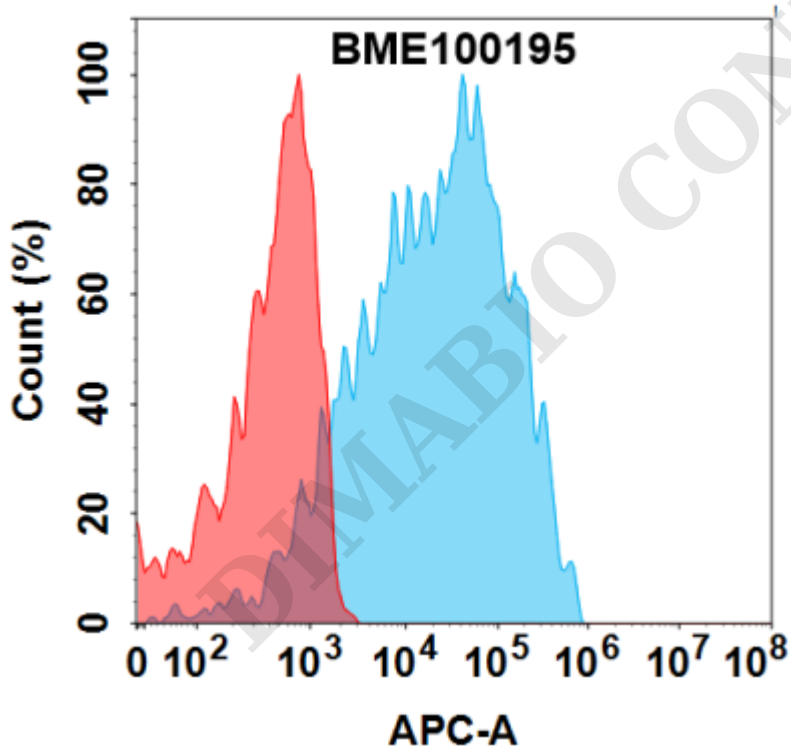


Figure 2. Flow cytometry analysis with 1  $\mu$ g/mL Anti-CEACAM5(tusamitamab biosimilar) mAb (BME100195) on Expi293 cells transfected with Human CEACAM5 protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

