

PRODUCT INFORMATION

Common Name	SAR-408377
Conjugate	Unconjugated
Synonyms	CEA
Applications	ELISA, Flow Cyt
Endotoxin	Less than 1.0 EU/ μ g by the LAL method. For <1 EU/mg requirements, please contact us for customization.
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	Chimeric
IgG type	Human IgG1(E356D,M358L) - kappa
Reactivity	Human
Target	CEACAM5
Uniprot ID	P06731
Description	Anti-CEACAM5(tusamitamab 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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μ m) prior to use.
Background	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
Usage	Research use only



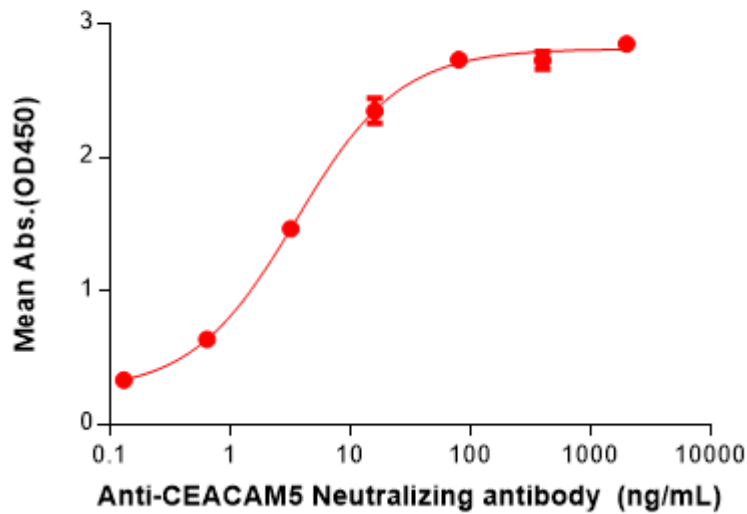
Anti-CEACAM5(tusamitamab biosimilar) mAb ELISA0.2 μ g of Human CEACAM5, His tagged protein per well

Figure 1. ELISA plate pre-coated by 2 μ g/mL (100 μ 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.

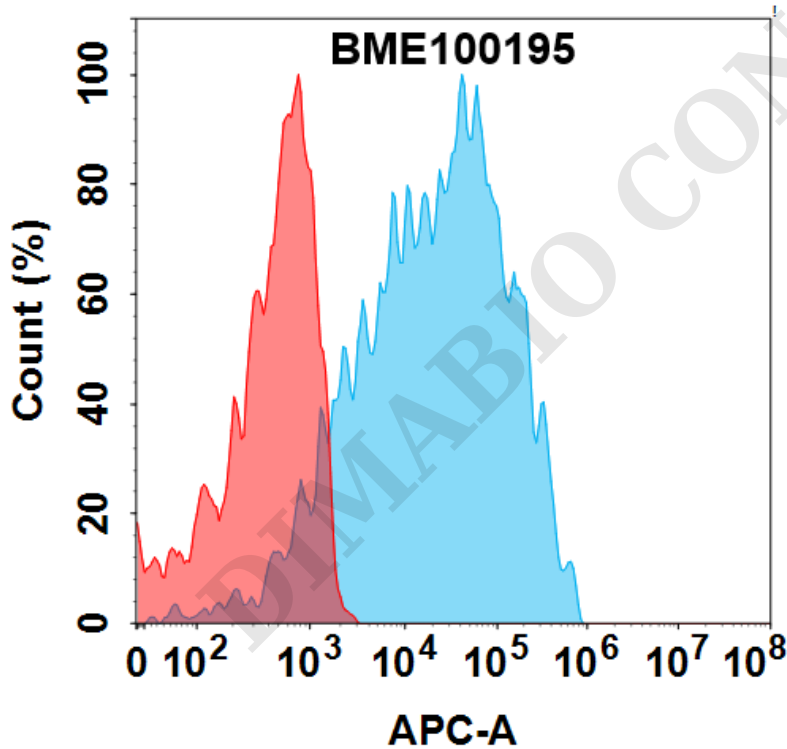


Figure 2. Flow cytometry analysis with 1 μ g/mL Anti-CEACAM5(tusamitamab biosimilar) mAb (BME100195) on HEK293 cells transfected with Human CEACAM5 protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).



Anti-CEACAM5(tusamitamab biosimilar) mAb ELISA

0.2 μg of Human CEACAM5(496-685), His tagged protein per well

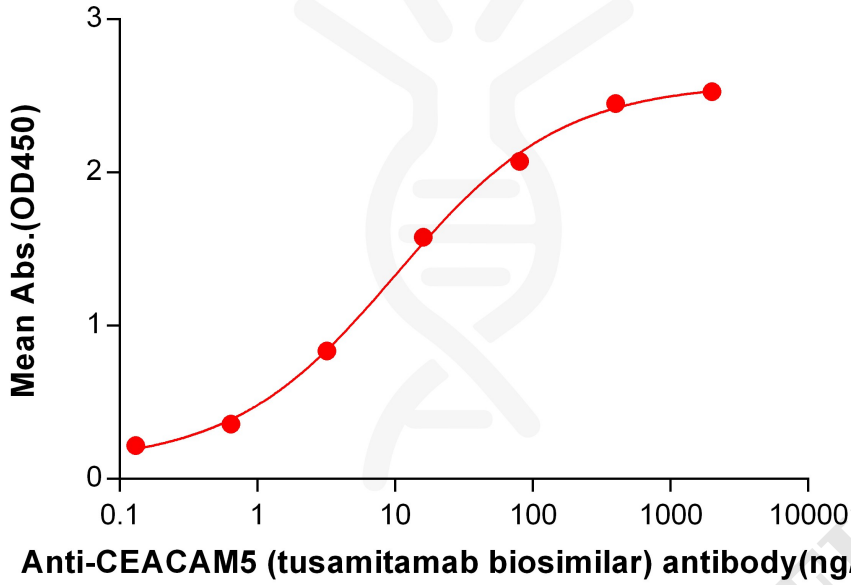


Figure 3. ELISA plate pre-coated by 2 $\mu\text{g}/\text{mL}$ (100 $\mu\text{L}/\text{well}$) Human CEACAM5(496-685) Protein, His Tag (PME101496) can bind Anti-CEACAM5(tusamitamab biosimilar) mAb (BME100195) in a linear range of 0.13-80 ng/mL.

