

**PRODUCT INFORMATION**

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|---|---|
| <b>Common Name</b>                      | SAR-408377  |
| <b>Conjugate</b>                        | Unconjugated  |
| <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>                         | Human IgG1(E356D,M358L) - kappa   |
| <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   |



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

0.2 µg of Human CEACAM5, His tagged protein per well

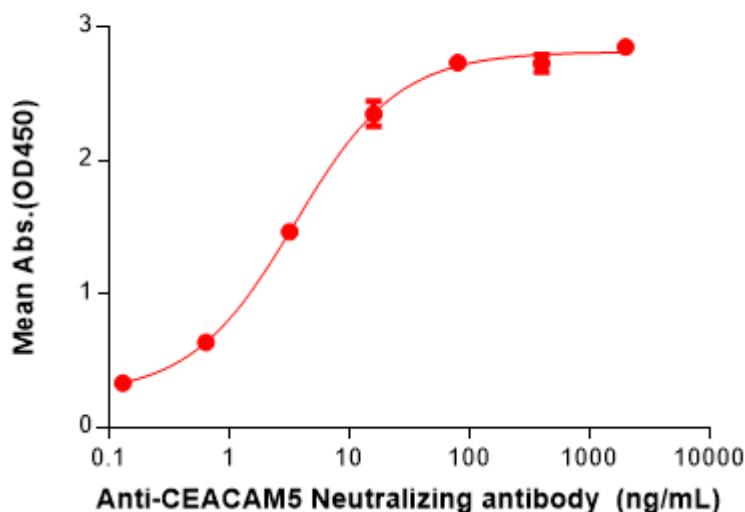


Figure 1. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human CEACAM5 Protein, His Tag (PME100071) can bind Anti-CEACAM5(tusamitamab biosimilar) mAb (BME100195) in a linear range of 0.64-16 ng/mL.

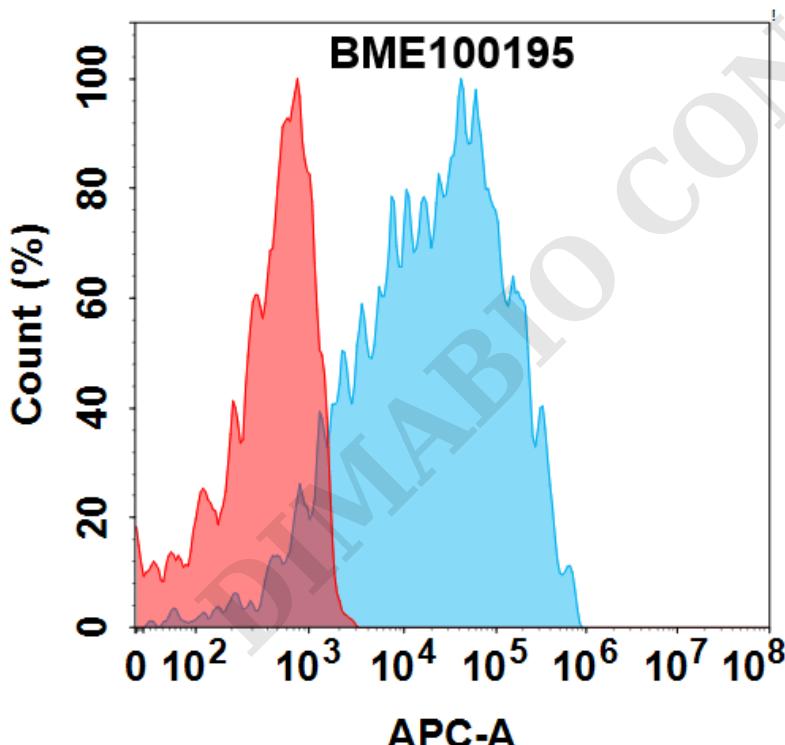


Figure 2. Flow cytometry analysis with 1µg/mL Anti-CEACAM5(tusamitamab biosimilar) mAb (BME100195) on HEK293 cells transfected with Human CEACAM5 protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).



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

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

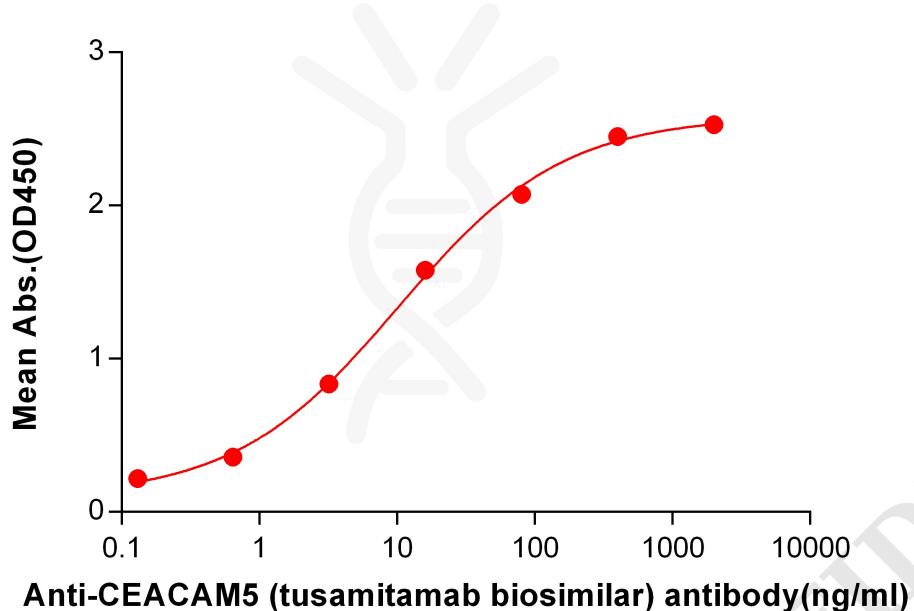


Figure 3. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human CEACAM5(496-685) Protein, His Tag (PME101496) can bind Anti-CEACAM5(tusamitamab biosimilar) mAb (BME100195) in a linear range of 0.13-80 ng/mL.

