

**PRODUCT INFORMATION**

<b>Common Name</b>	VB4-845
<b>Conjugate</b>	Unconjugated
<b>Synonyms</b>	GA733-2, M1S2, M4S1, MIC18, TACSTD1, TROP1
<b>Applications</b>	ELISA, Flow Cyt
<b>Endotoxin</b>	Less than 1.0 EU/ $\mu$ g by the LAL method. For <1 EU/mg requirements, please contact us for customization.
<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>	Humanized
<b>IgG type</b>	Human IgG1 - kappa
<b>Reactivity</b>	Human
<b>Target</b>	EPCAM
<b>Uniprot ID</b>	P16422
<b>Description</b>	Anti-EPCAM(oportuzumab 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>Sterility</b>	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 $\mu$ m) prior to use.
<b>Background</b>	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
<b>Usage</b>	Research use only



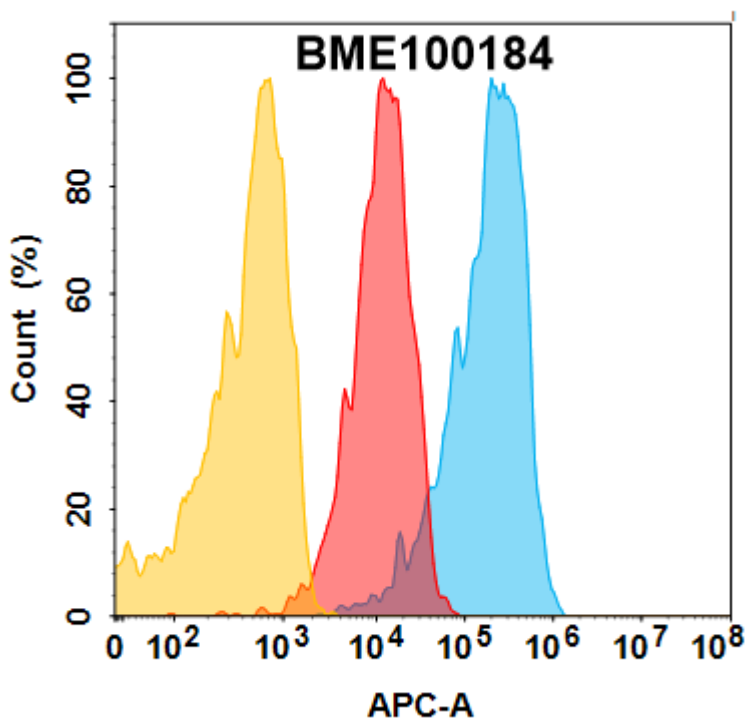


Figure 1. EPCAM protein is highly expressed on the surface of HEK293 cell membrane. Flow cytometry analysis with 1µg/mL Anti-EPCAM(oportuzumab biosimilar) mAb (BME100184) on HEK293 cells transfected with human EPCAM (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram),and Isotype antibody on HEK293 transfected with irrelevant protein (Orange histogram).

### Anti-EPCAM(oportuzumab biosimilar) mAb ELISA

0.2 µg of Human EPCAM, His tagged protein per well

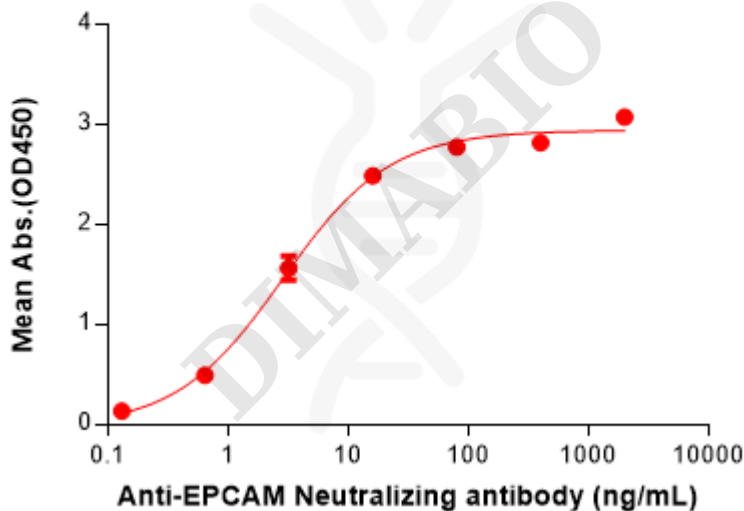


Figure 2. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human EPCAM Protein, His Tag(PME100068) can bind Anti-EPCAM(oportuzumab biosimilar) mAb(BME100184) in a linear range of 0.64–16 ng/mL.

