

## 12-9585: Anti-EPCAM(oportuzumab biosimilar) mAb

**Application :** ELISA  
**Reactivity :** Human  
**Uniprot ID :** P16422  
**Alternative Name :** VB4-845  
**Isotype :** IgG1

### Product Info

**Amount :** 50µg / 100 µg  
**Content :** 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.  
**Storage condition :** 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.

### Application Note

ELISA 1:5000-10000, FACS 1:100

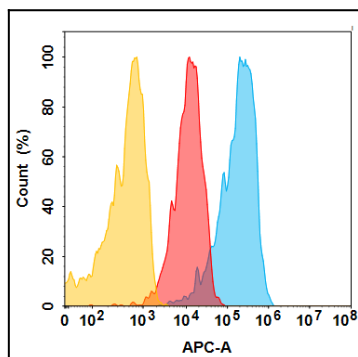


Figure 1. EPCAM protein is highly expressed on the surface of Expi293 cell membrane. Flow cytometry analysis with 1 $\hat{1}$ / $\hat{4}$ g/mL Anti-EPCAM(oportuzumab biosimilar) mAb on Expi293 cells transfected with human EPCAM (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram), and Isotype antibody on Expi293 transfected with irrelevant protein (Orange histogram).

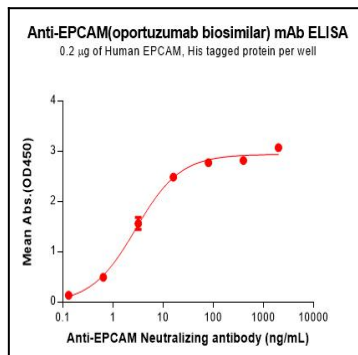


Figure 2. ELISA plate pre-coated by 2 $\hat{1}$ / $\hat{4}$ g/mL (100 $\hat{1}$ / $\hat{4}$ L/well) Human EPCAM Protein, His Tag can bind Anti-EPCAM(oportuzumab biosimilar) mAb in a linear range of 0.64-16 ng/mL.