

**PRODUCT INFORMATION**

<b>Common Name</b>	MAB-A(Immunogen Inc)
<b>Synonyms</b>	CORD9;MCMP;MDC9;Mltng
<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 of reconstitution.
<b>Host Species</b>	Humanized
<b>IgG type</b>	IgG1
<b>Reactivity</b>	Human
<b>Target</b>	ADAM9
<b>Uniprot ID</b>	Q13443
<b>Description</b>	Anti-ADAM9 (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 proteins 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
<b>Conjugate</b>	Unconjugated



### Anti-ADAM9 mAb ELISA

0.1  $\mu\text{g}$  of Human ADAM9, His tagged protein per well

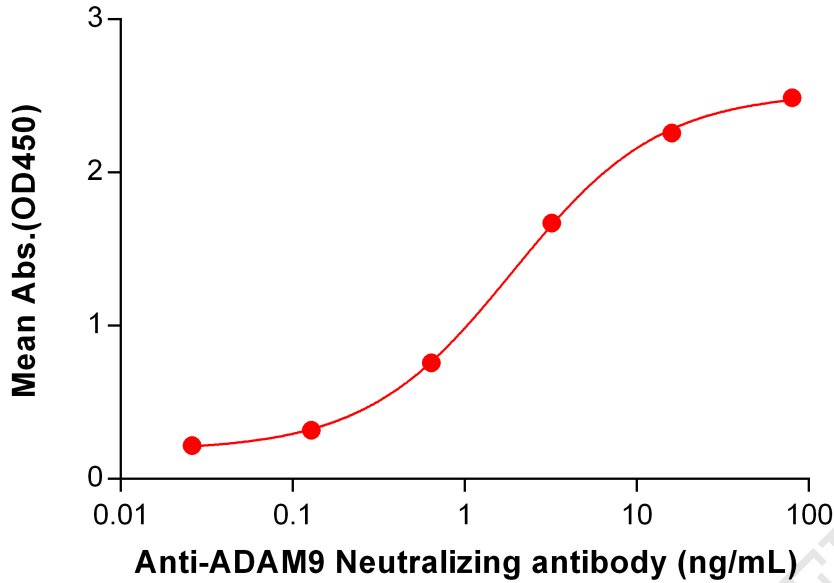


Figure 1. ELISA plate pre-coated by 1  $\mu\text{g}/\text{mL}$  (100  $\mu\text{L}/\text{well}$ ) Human ADAM9 protein, His Tag PME100901 can bind Anti-ADAM9 Neutralizing antibody (BME100064) in a linear range of 0.128-16 ng/mL.

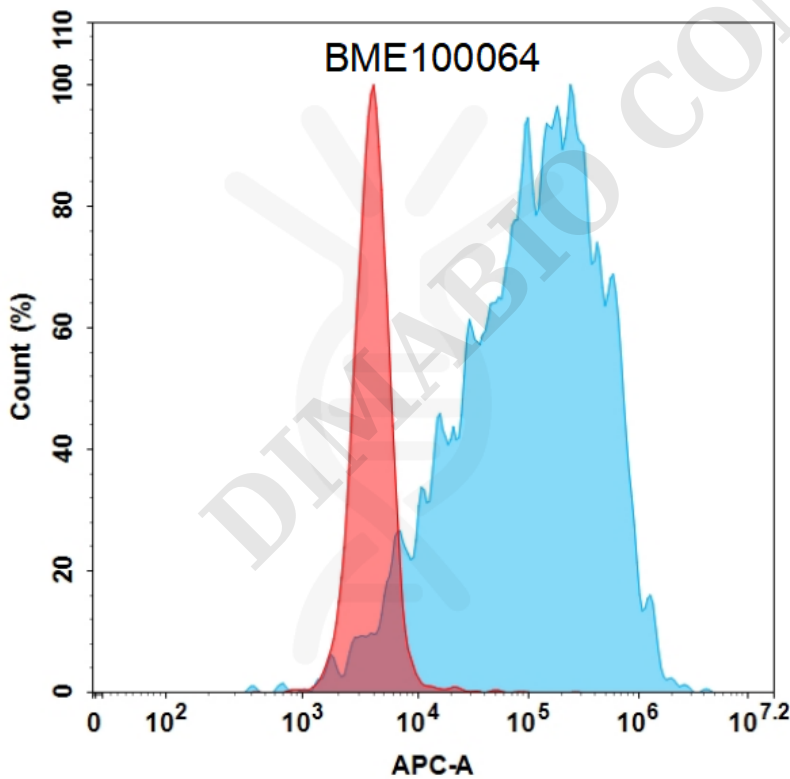


Figure 2. Flow cytometry analysis with Anti-ADAM9 mAb 15  $\mu\text{g}/\text{mL}$  on Expi293 cells transfected with Human ADAM9 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).



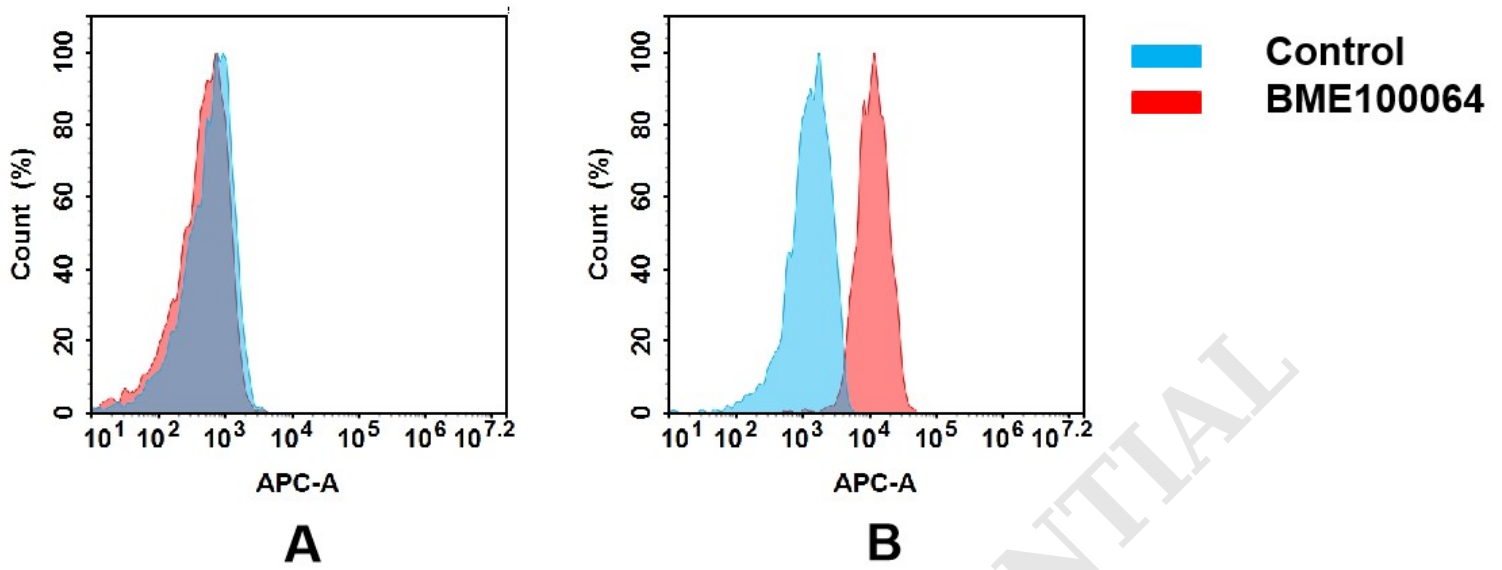


Figure 3. Flow cytometry analysis of antigen binding of anti-human ADAM9 mAb(BME100064).

(A) BME100064 does not bind to CHO-S cells that do not express ADAM9.

(B) A clear peak shift of BME100064 was seen compared to the control when incubated with ADAM9-expressing HeLa cells, indicating strong binding of BME100064 to ADAM9. Antibodies were incubated at 5  $\mu$ g/mL.

