## PRODUCT INFORMATION

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|---|---|
| **Common Name** | MAB-A(Immunogen Inc) |
| **Conjugate** | Unconjugated |
| **Synonyms** | CORD9;MCMP;MDC9;Mltng |
| **Applications** | ELISA; Flow Cyt |
| **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 of reconstitution. |
| **Host Species** | Humanized |
| **IgG type** | Human IgG1 – kappa |
| **Reactivity** | Human |
| **Target** | ADAM9 |
| **Uniprot ID** | Q13443 |
| **Description** | Anti-ADAM9 (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 proteins are shipped at ambient temperature. |
| **Background** | Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals. |
| **Usage** | Research use only |



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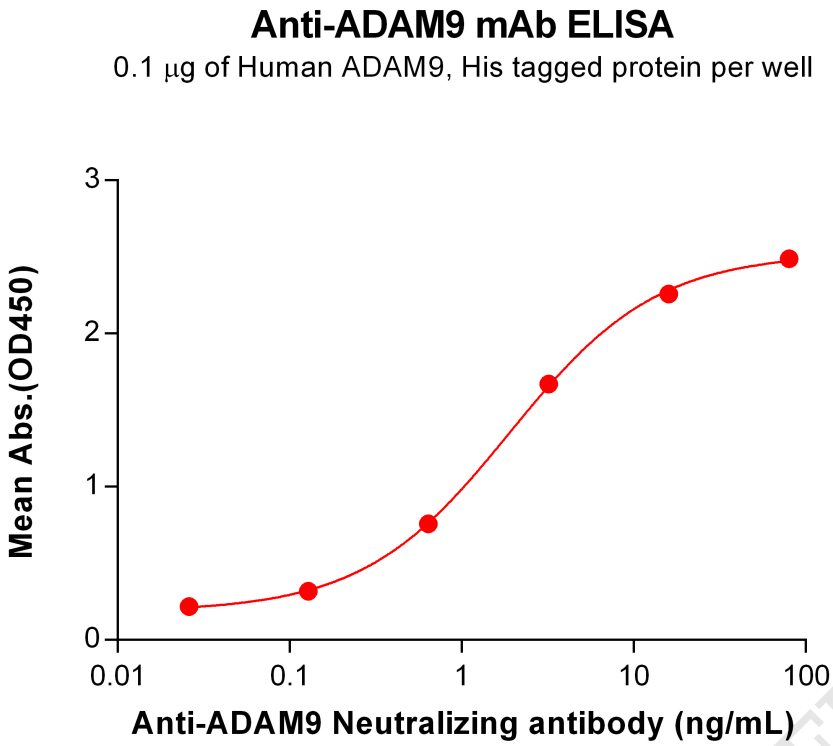


Figure 1. ELISA plate pre-coated by 1 μg/mL (100 μL/well) Human ADAM9 protein, His Tag PME100901 can bind Anti-ADAM9 Neutralizing antibody (BME100064) in a linear range of 0.128-16 ng/mL.

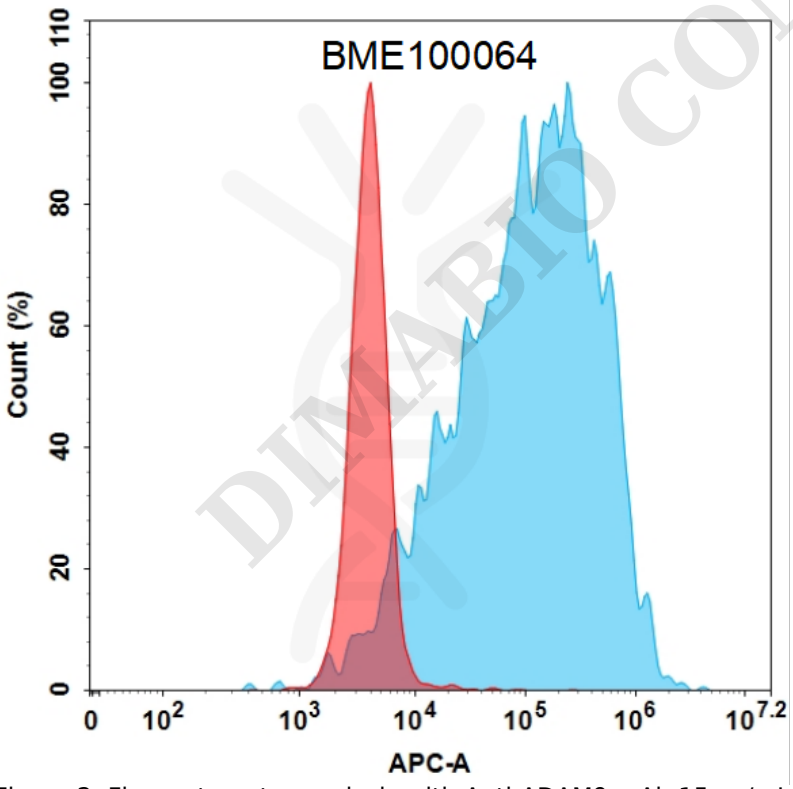


Figure 2. Flow cytometry analysis with Anti-ADAM9 mAb 15 μg/mL on HEK293 cells transfected with Human ADAM9 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).



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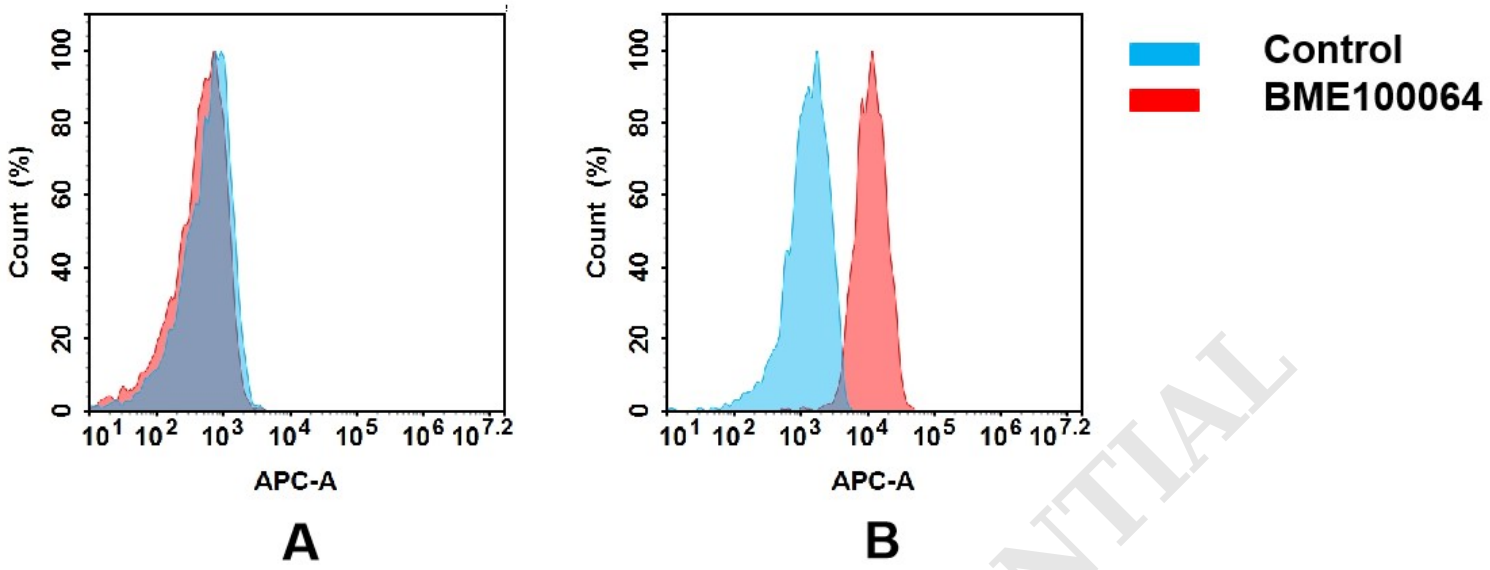


Figure 3. Flow cytometry analysis of antigen binding of anti-human ADAM9 mAb(BME100064).
(A) BME100064 does not bind to CHO-S cells that do not express ADAM9.
(B) A clear peak shift of BME100064 was seen compared to the control when incubated with ADAM9-expressing Hela cells, indicating strong binding of BME100064 to ADAM9. Antibodies were incubated at 5 μg/mL.



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