PRODUCT INFORMATION

Clone ID	DM192
Target	ADAM9
Synonyms	CORD9; MCMP; MDC9; Mltng
Host Species	Rabbit
Description	Anti-ADAM9 antibody(DM192); Rabbit mAb
Delivery	In Stock
Uniprot ID	Q13443
IgG type	Rabbit IgG
Clonality	Monoclonal
Reactivity	Human
Applications	ELISA; Flow Cyt
Recommended Dilutions	ELISA 1:5000-10000; Flow Cyt 1:100
Purification	Purified from cell culture supernatant by affinity chromatography
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.
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	This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins; and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions; including fertilization; muscle development; and neurogenesis. The protein encoded by this gene interacts with SH3 domain-containing proteins; binds mitotic arrest deficient 2 beta protein; and is also involved in TPA-induced ectodomain shedding of membrane-anchored heparin-binding EGF-like growth factor. Several alternatively spliced transcript variants have been identified for this gene.
Usage	Research use only
Conjugate	Unconjugated
DIMA Disclaimer	All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are actively scrutinizing all patent application to ensure no IP infringement.

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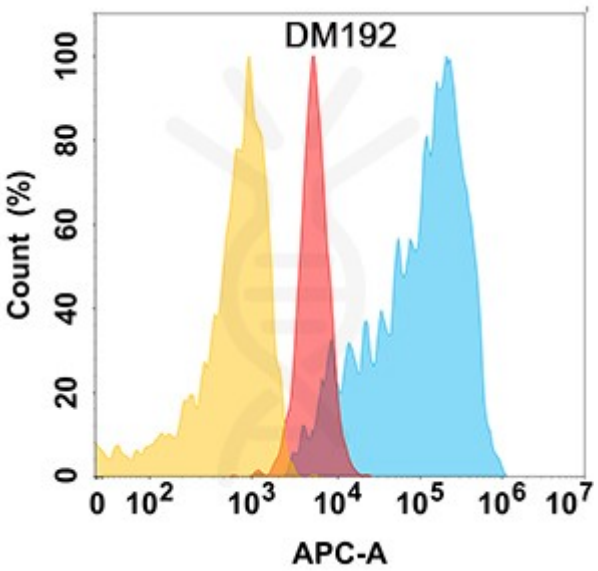

Figure 1. ADAM9 protein is highly expressed on the surface of HEK293 cell membrane. Flow cytometry analysis with Anti-ADAM9 (DM192) on HEK293 cells transfected with human ADAM9 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram), and Isotype antibody on HEK293 transfected with irrelevant protein (Orange histogram).

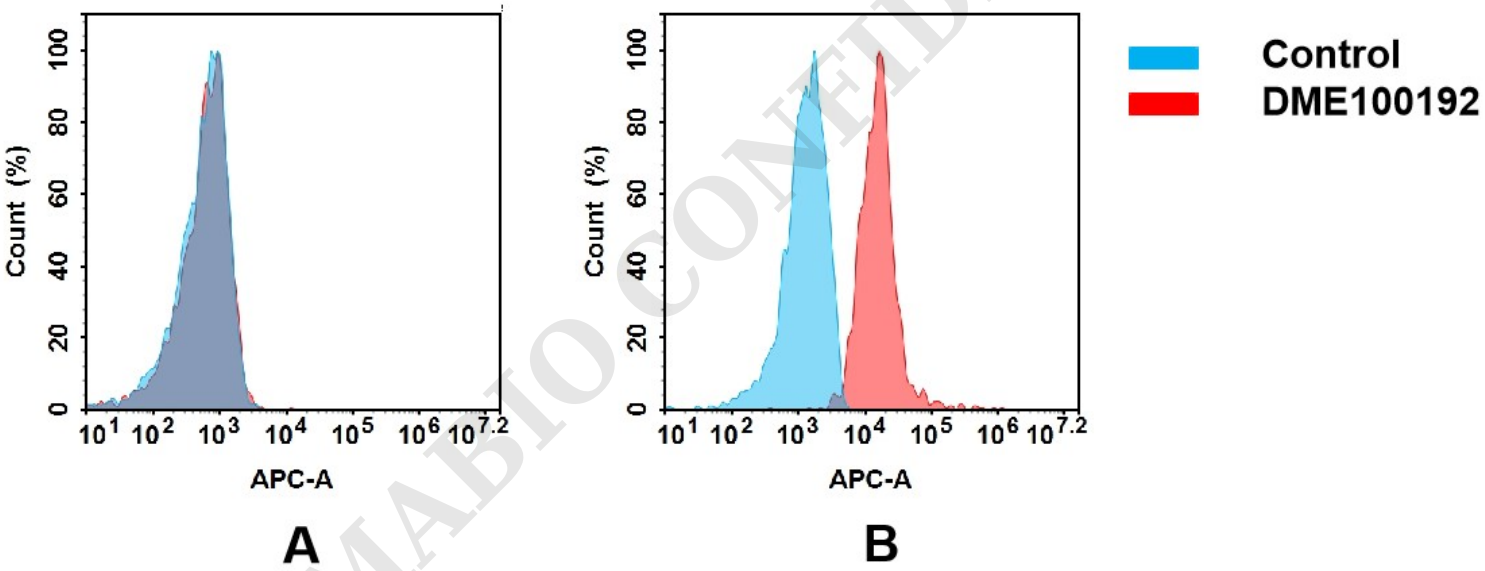

Figure 2. Flow cytometry analysis of antigen binding of rabbit anti-human ADAM9 mAb(DME100192).
(A) DME100192 does not bind to CHO-S cells that do not express ADAM9.
(B) A clear peak shift of DME100192 was seen compared to the control when incubated with ADAM9-expressing Hela cells, indicating strong binding of DME100192 to ADAM9. Antibodies were incubated at 5 μg/mL.

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