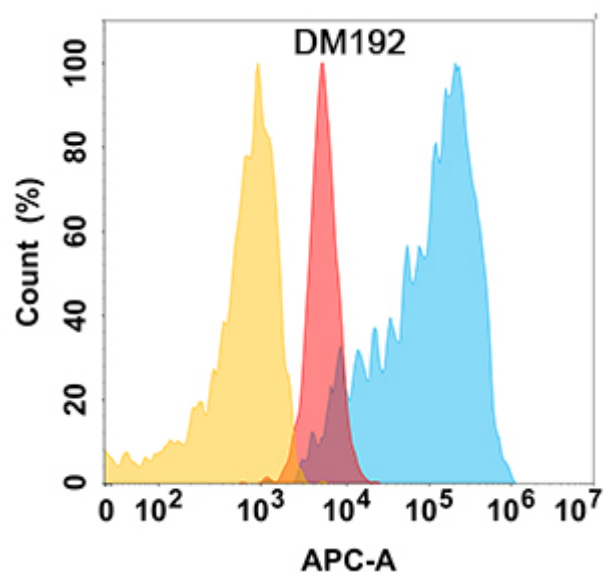


PRODUCT INFORMATION

|                              |  |
|------------------------------|--|
| 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  |





**Figure 1.** ADAM9 protein is highly expressed on the surface of Expi293 cell membrane. Flow cytometry analysis with Anti-ADAM9 (DM192) on Expi293 cells transfected with human ADAM9 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram), and Isotype antibody on Expi293 transfected with irrelevant protein (Orange histogram).

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