

**PRODUCT INFORMATION**

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| <b>Clone ID</b>                         | 45G10  |
| <b>Target</b>                           | ADAM9  |
| <b>Synonyms</b>                         | CORD9; MCMP; MDC9; Mltng   |
| <b>Host Species</b>                     | Rabbit   |
| <b>Description</b>                      | Anti-ADAM9 antibody(45G10), IgG1 Chimeric mAb  |
| <b>Delivery</b>                         | In Stock   |
| <b>Uniprot ID</b>                       | Q13443   |
| <b>IgG type</b>                         | Rabbit/Human Fc chimeric IgG1  |
| <b>Clonality</b>                        | Monoclonal   |
| <b>Reactivity</b>                       | Human  |
| <b>Applications</b>                     | IHC  |
| <b>Recommended Dilutions</b>            | IHC 1:100  |
| <b>Purification</b>                     | Purified from cell culture supernatant by affinity chromatography  |
| <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>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>                       | 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. |
| <b>Usage</b>                            | Research use only  |
| <b>Conjugate</b>                        | Unconjugated   |
| <b>DIMA Disclaimer</b>                  | 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.   |



## DMC100832

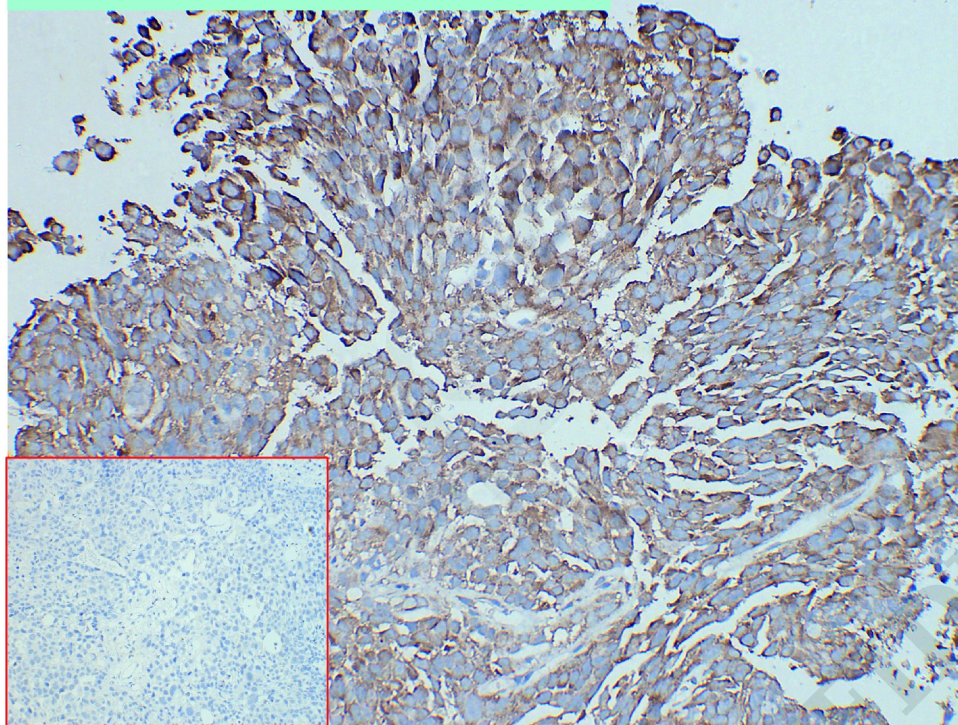


Figure 1. DMC100832 at 10 $\mu$ g/ml staining ADAM9 in Huh7 xenografts in nude mice by IHC (SKU# DMC100832).

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