

**PRODUCT INFORMATION**

<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



## DMC100832

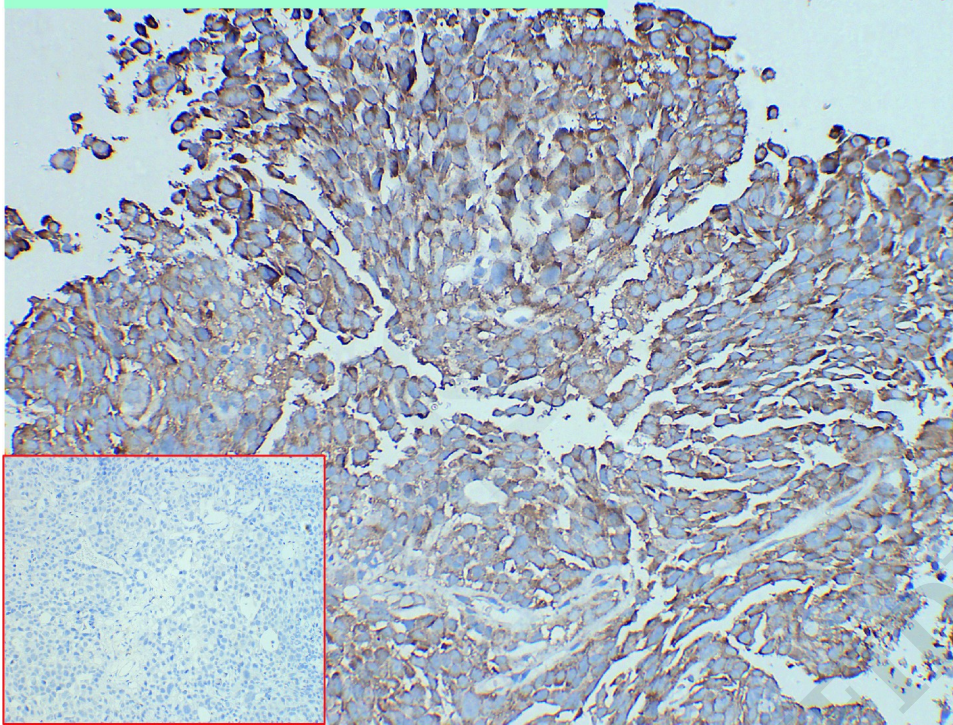


Figure 1. DMC100832 at 10 $\mu$ g/ml staining ADAM9 in Huh7 xenografts in nude mice by IHC (SKU# DMC100832).

CONFIDENTIAL

