

12-9622: Anti-ADAM9 antibody(45G10), IgG1 Chimeric mAb

Clonality :	Monoclonal
Clone Name :	45G10
Application :	IHC
Reactivity :	Human
Gene :	ADAM9
Uniprot ID :	Q13443
Alternative Name :	CORD9; MCMP; MDC9; Mltng
Isotype :	Rabbit/Human Fc chimeric IgG1

Description

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.

Product Info

Amount :	10µg / 100 µg
Purification :	Purified from cell culture supernatant by affinity chromatography
Content :	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 condition :	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.

Application Note

IHC 1:100

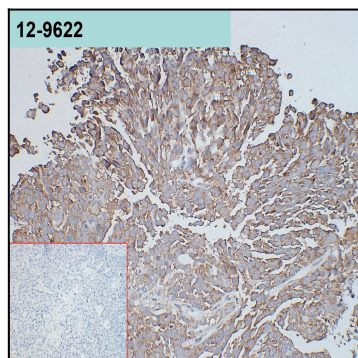


Figure 1. 12-9622 at 10µg/ml staining ADAM9 in Huh7 xenografts in nude mice by IHC (Cat# 12-9622).