

Product datasheet

Anti-ADAM9 antibody [MM0080-8A15] ab89129

1 Image

Overview

<b>Product name</b>	Anti-ADAM9 antibody [MM0080-8A15]
<b>Description</b>	Mouse monoclonal [MM0080-8A15] to ADAM9
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant fragment corresponding to the extracellular domain of Human ADAM9

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: None Constituents: PBS
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	MM0080-8A15
<b>Isotype</b>	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab89129** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Predicted molecular weight: 91 kDa.

Target

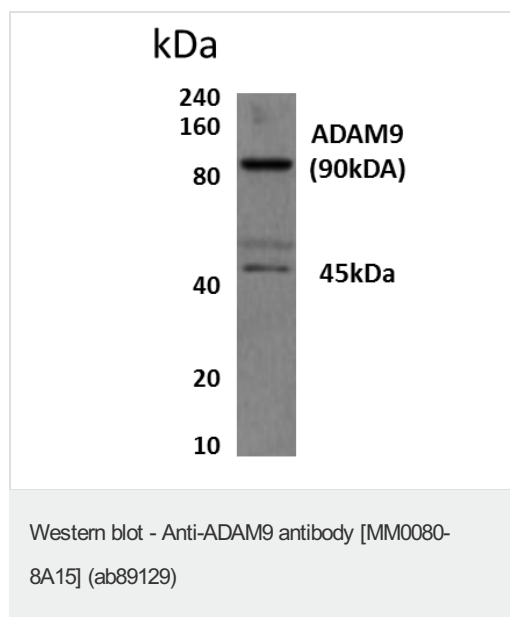
## Relevance

ADAM9 encodes disintegrin and metalloprotease (ADAM) domain 9, which is a member of the ADAM protein family. Members of this family are membrane- anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biologic processes involving cell- cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. The member 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.

## Cellular localization

Isoform 1: Cell membrane; single-pass type I membrane protein. Isoform 2: Secreted protein.

## Images



Anti-ADAM9 antibody [MM0080-8A15] (ab89129) at 1/1000 dilution (Mouse anti-human ADAM9) + Human prostate cancer cell lysate

**Predicted band size:** 91 kDa

**Observed band size:** 90 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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