

Datasheet for ABIN652337

anti-ADAM9 antibody (C-Term)

3 Images

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Overview

Quantity:	400 µL
Target:	ADAM9
Binding Specificity:	AA 704-733, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADAM9 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This ADAM9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 704-733 amino acids from the C-terminal region of human ADAM9.
Clone:	RB17777
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	ADAM9
Alternative Name:	ADAM9 (ADAM9 Products)

Target Details

Background:	ADAM9 is 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. This protein 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.
Molecular Weight:	90556
Gene ID:	8754
NCBI Accession:	NP_003807
UniProt:	Q13443
Pathways:	Cellular Response to Molecule of Bacterial Origin, SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

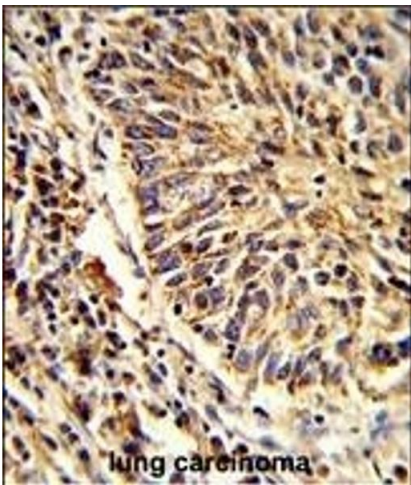
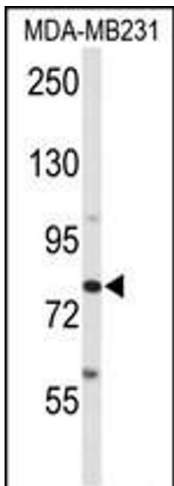
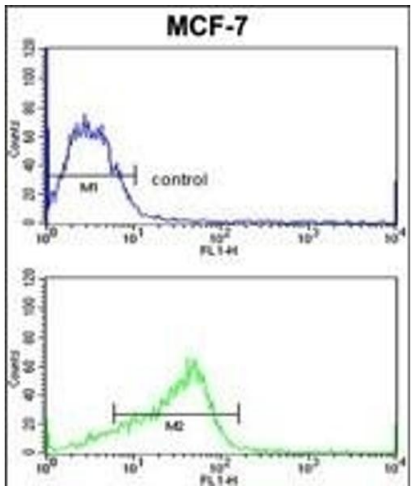
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

Publications

Product cited in:	He, Yang, Li: "The clinical pathological significance of Thy1 and CD49f expression in
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chondrosarcomas." in: **Pathology, research and practice**, Vol. 212, Issue 7, pp. 636-42, (2017) ([PubMed](#)).



Flow Cytometry

Image 1. AD Antibody (C-term) (ABIN652337 and ABIN2841552) flow cytometric analysis of MCF-7 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of AD Antibody (C-term) (ABIN652337 and ABIN2841552) in MDA-M cell line lysates (35 µg/lane). AD (arrow) was detected using the purified Pab.

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin-embedded human lung carcinoma reacted with AD Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.