

Rabbit anti-Human ADAM9 Polyclonal Antibody | anti-ADAM9 antibody

ADAM9 Antibody (C-term)

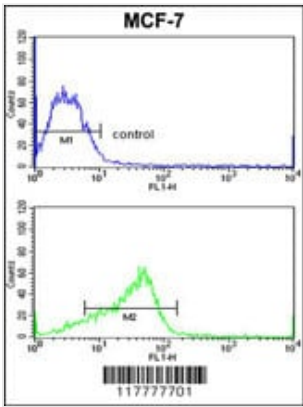
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285242	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

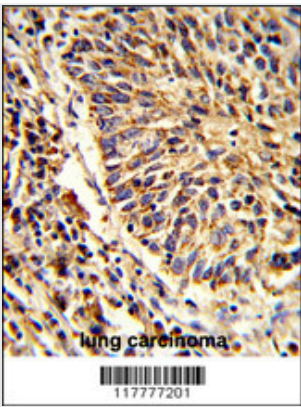
ADAM9; Polyclonal Antibody; ADAM9 Antibody (C-term); Disintegrin and metalloproteinase domain-containing protein 9; ADAM 9; 3424-; Cellular disintegrin-related protein; Meltrin-gamma; Metalloprotease/disintegrin/cysteine-rich protein 9; Myeloma cell metalloproteinase; KIAA0021; MCMP; MDC9; MLTNG; anti-ADAM9 antibody

PRODUCT SPECIFICATIONS

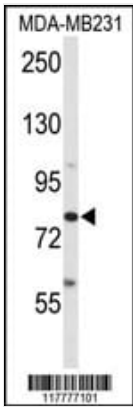
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ADAM9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 704-733 amino acids from the C-terminal region of human ADAM9.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	704-733
Sequence Length	655
Applicable Applications for anti-ADAM9 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
ADAM9 Antibody (C-term) 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.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human lung carcinoma reacted with ADAM9 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.



WB (Western Blot)
Western blot analysis of ADAM9 Antibody (C-term) in MDA-MB231 cell line lysates (35ug/lane). ADAM9 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ADAM9 antibody	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.
Product Categories/Family for anti-ADAM9 antibody	Cancer; Cell Biology; Signal transduction
References	Weskamp G., Kraetzschmar J., Reid M.S.J. Cell Biol. 132:717-726(1996) Hotoda N., Koike H.Biochem. Biophys. Res. Commun. 293:800-805(2002) McKie N., Edwards T., Dallas D.J.Biochem. Biophys. Res. Commun. 230:335-339(1997)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501915
NCBI GeneID	8754
NCBI Accession #	NP_003807.1

NCBI GenBank Nucleotide #	NM_003816.2
UniProt Accession #	Q13443 ; Q10718 ; Q8NFM6 ; B7ZLN7
Molecular Weight	90556
NCBI Official Full Name	disintegrin and metalloproteinase domain-containing protein 9
NCBI Official Synonym Full Names	ADAM metalloproteinase domain 9
NCBI Official Symbol	ADAM9
NCBI Official Synonym Symbols	MCMP; MDC9; CORD9; Mltng
NCBI Protein Information	disintegrin and metalloproteinase domain-containing protein 9
UniProt Protein Name	Disintegrin and metalloproteinase domain-containing protein 9
UniProt Gene Name	ADAM9
UniProt Synonym Gene Names	KIAA0021; MCMP; MDC9; MLTNG; ADAM 9
UniProt Entry Name	ADAM9_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/adam9-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/285242>