

Mouse anti-Human MATN1 Antibody | anti-MATN1 antibody

MATN1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108754	Mouse	Human	ELISA, Immunofluorescence, Western Blot

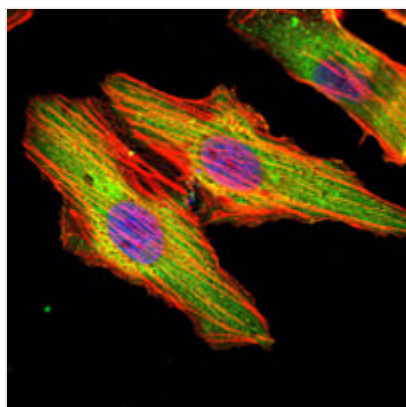
PRODUCT SYNONYMS

MATN1; MATN1 Antibody; MAT; SAMS; MATA1; SAMS1; MAT1A; anti-MATN1 antibody

PRODUCT SPECIFICATIONS

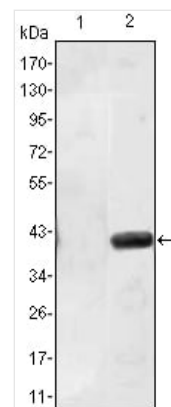
Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	5A8
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	395
Applicable Applications for anti-MATN1 antibody	ELISA, IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant fragment of human MATN1 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C.

IMAGES



IF (Immunofluorescence)

Figure 2: Immunofluorescence analysis of HeLa cells using MATN1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



WB (Western Blot)

Figure 1: Western blot analysis using MATN1 mAb against HEK293 (1) and MATN1-hlgFc transfected HEK293 (2) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-MATN1 antibody

This gene catalyzes a two-step reaction that involves the transfer of the adenosyl moiety of ATP to methionine to form S-adenosylmethionine and triphosphosphate, which is subsequently cleaved to PPi and Pi. S-adenosylmethionine is the source of methyl groups for most biological methylations. The encoded protein is found as a homotetramer (MAT I) or a homodimer (MAT III) whereas a third form, MAT II (gamma), is encoded by the MAT2A gene. Mutations in this gene are associated with methionine adenosyltransferase deficiency.

Product Categories/Family for anti-MATN1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557737
NCBI GeneID	4143
NCBI Accession #	NP_000420.1
NCBI GenBank Nucleotide #	NM_000429.2
UniProt Accession #	Q00266; Q5QP09; D3DWD5
Molecular Weight	54kDa
NCBI Official Full Name	S-adenosylmethionine synthase isoform type-1
NCBI Official Synonym Full Names	methionine adenosyltransferase 1A
NCBI Official Symbol	MAT1A
NCBI Official Synonym Symbols	MAT; SAMS; MATA1; SAMS1
NCBI Protein Information	S-adenosylmethionine synthase isoform type-1
UniProt Protein Name	S-adenosylmethionine synthase isoform type-1
UniProt Gene Name	MAT1A
UniProt Synonym Gene Names	AMS1; MATA1; AdoMet synthase 1; MAT 1; MAT-I/III

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/mouse-human-antibody/matn1/108754>