

Rabbit anti-Human MAN2A1 Polyclonal Antibody | anti-MAN2A1 antibody

MAN2A1 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284513	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

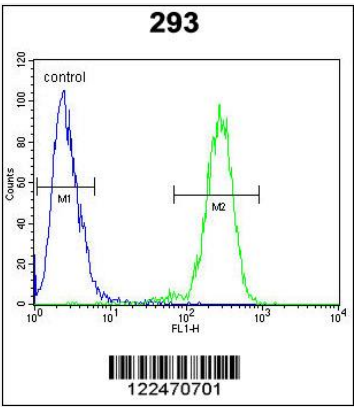
PRODUCT SYNONYMS

MAN2A1; Polyclonal Antibody; MAN2A1 Antibody (Center); Alpha-mannosidase 2; Golgi alpha-mannosidase II; AMan II; Man II; Mannosidase alpha class 2A member 1; Mannosyl-oligosaccharide 1; 3-1; 6-alpha-mannosidase; MANA2; anti-MAN2A1 antibody

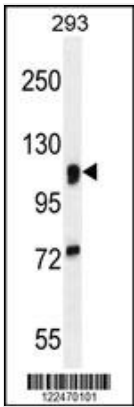
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MAN2A1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 456-482 amino acids from the Central region of human MAN2A1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	456-482
Sequence Length	1144
Applicable Applications for anti-MAN2A1 antibody	FCM/FACS (Flow Cytometry), 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.

IMAGES



FCM/FACS (Flow Cytometry)
MAN2A1 Antibody (Center) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
MAN2A1 Antibody (Center) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the MAN2A1 antibody detected the MAN2A1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-MAN2A1 antibody	This gene encodes a protein which is a member of family 38 of the glycosyl hydrolases. The protein is located in the Golgi and catalyzes the final hydrolytic step in the asparagine-linked oligosaccharide (N-glycan) maturation pathway. Mutations in the mouse homolog of this gene have been shown to cause a systemic autoimmune disease similar to human systemic lupus erythematosus.
Product Categories/Family for anti-MAN2A1 antibody	Metabolism; Signal Transduction
References	Han, S., et al. Leuk. Res. 34(10):1271-1274(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Zhou, J.B., et al. Med. Sci. Monit. 16 (6), BR179-BR183 (2010) : Miyagawa, H., et al. Rheumatology (Oxford) 47(2):158-164(2008) Yang, Q., et al. BMC Med. Genet. 8 SUPPL 1, S12 (2007) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	51477714
NCBI GeneID	4124
NCBI Accession #	NP_002363.2
NCBI GenBank Nucleotide #	NM_002372.3
UniProt Accession #	Q16706; Q16767
Molecular Weight	131141
NCBI Official Full Name	alpha-mannosidase 2
NCBI Official Synonym Full Names	mannosidase, alpha, class 2A, member 1
NCBI Official Symbol	MAN2A1
NCBI Official Synonym Symbols	MANA2; MANII; GOLIM7; AMan II
NCBI Protein Information	alpha-mannosidase 2
UniProt Protein Name	Alpha-mannosidase 2
UniProt Gene Name	MAN2A1

UniProt Synonym Gene Names	MANA2; AMan II; Man II
UniProt Entry Name	MA2A1_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://stage.aaabiotech.com/polyclonal/man2a1-antibody-flow-cytometry-western-blot-elisa/284513>