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anti-alpha-Mannosidase II antibody (Middle Region)





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0.4 mL
alpha-Mannosidase II (MAN2A1)
AA 456-482, Middle Region
Human
Rabbit
Polyclonal
This alpha-Mannosidase II antibody is un-conjugated
Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)
KLH conjugated synthetic peptide between 456-482 amino acids from the Central region of human Alpha-Mannosidase 2 / MAN2A1
human Alpha-Mannosidase 2 / MAN2A1
human Alpha-Mannosidase 2 / MAN2A1 Ig Fraction
human Alpha-Mannosidase 2 / MAN2A1 Ig Fraction This antibody recognizes Human Alpha-Mannosidase-2 / MAN2A1 (Center).
human Alpha-Mannosidase 2 / MAN2A1 Ig Fraction This antibody recognizes Human Alpha-Mannosidase-2 / MAN2A1 (Center).
human Alpha-Mannosidase 2 / MAN2A1 Ig Fraction This antibody recognizes Human Alpha-Mannosidase-2 / MAN2A1 (Center). Protein A column, followed by peptide affinity purification

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. Synonyms: 3-1, 6-alpha-mannosidase, Alpha-mannosidase II, Golgi alpha-mannosidase II, MANA2, Mannosidase 2, Mannosidase alpha class 2A member 1, Mannosyloligosaccharide 1

Molecular Weight: 131141 Da

Gene ID: 4124

NCBI Accession: NP_002363

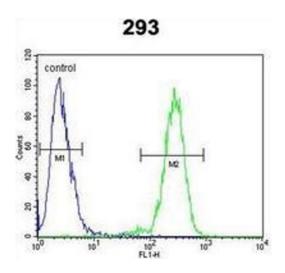
Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

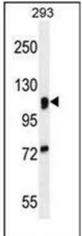
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Flow Cytometry

Image 1. Flow cytometric analysis of 293 cells using Alpha-Mannosidase 2 / MAN2A1 Antibody (Center) Cat.-No AP52593PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-antirabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. Western blot analysis of Alpha-Mannosidase 2 / MAN2A1 Antibody (Center) in 293 cell line lysates (35ug/lane). This demonstrates the MAN2A1 antibody detected the MAN2A1 protein (arrow).