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anti-MAN2A2 antibody (Middle Region)

3 Images



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0.0		
Quantity:	0.4 mL	
Target:	MAN2A2	
Binding Specificity:	AA 766-796, Middle Region	
Reactivity:	Human, Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This MAN2A2 antibody is un-conjugated	
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)	
Product Details		
Immunogen:	KLH conjugated synthetic peptide between 766-796 amino acids from the Central region of human MAN2A2	
Isotype:	lg Fraction	
Specificity:	This antibody recognizes Human and Mouse MAN2A2 (Center).	
Purification:	Protein A column, followed by peptide affinity purification	
Target Details		
Target:	MAN2A2	
Alternative Name:	MAN2A2 (MAN2A2 Products)	

Target Details

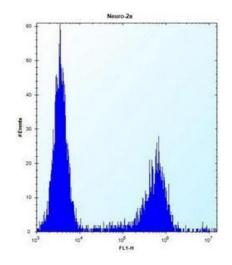
Background:	MAN2A2 catalyzes the first committed step in the biosynthesis of complex N-glycans. It controls conversion of high mannose to complex N-glycans, the final hydrolytic step in the N-glycan maturation pathway. Synonyms: Alpha-mannosidase 2x, MANA2X
Molecular Weight:	129282 Da
Gene ID:	4122
NCBI Accession:	NP_006113

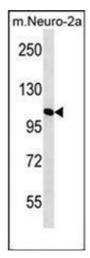
Application Details

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 Neuro-2a cells using MAN2A2 Antibody (Center) Cat.-No AP52594PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue reacted with MAN2A2 Antibody (Center) followed which was peroxidase conjugated to the secondary antibody and followed by DAB staining.

Western Blotting

Image 3. Western blot analysis of MAN2A2 Antibody (Center) in mouse Neuro-2a cell line lysates (35ug/lane). This demonstrates the MAN2A2 antibody detected the MAN2A2 protein (arrow).