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# MAN2A1 Antibody (Center) Blocking peptide

**Synthetic peptide**
**Catalog # BP10967c**

## Specification

### MAN2A1 Antibody (Center) Blocking peptide - Product Information

Primary Accession Q16706

### MAN2A1 Antibody (Center) Blocking peptide - Additional Information

**Gene ID** 4124

**Other Names**
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, MAN2A1, MANA2

**Format**
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

### MAN2A1 Antibody (Center) Blocking peptide - Protein Information

**Name** MAN2A1

**Synonyms** MANA2

**Function**
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.

**Cellular Location**
Golgi apparatus membrane {ECO:0000250|UniProtKB:P28494}; Single-pass type II membrane protein {ECO:0000250|UniProtKB:P28494}

### MAN2A1 Antibody (Center) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

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## MAN2A1 Antibody (Center) Blocking peptide - Images

## MAN2A1 Antibody (Center) Blocking peptide - Background

This gene encodes a protein which is a member of family 38of the glycosyl hydrolases. The protein is located in the Golgi andcatalyzes the final hydrolytic step in the asparagine-linkedoligosaccharide (N-glycan) maturation pathway. Mutations in themouse homolog of this gene have been shown to cause a systemicautoimmune disease similar to human systemic lupus erythematosus.

## MAN2A1 Antibody (Center) Blocking peptide - 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) :