

PMM2 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP19008b

Specification

PMM2 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [O15305](#)

PMM2 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 5373

Other Names

Phosphomannomutase 2, PMM 2, PMM2

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.

PMM2 Antibody (C-term) Blocking Peptide - Protein Information

Name PMM2

Function

Involved in the synthesis of the GDP-mannose and dolichol- phosphate-mannose required for a number of critical mannosyl transfer reactions.

Cellular Location

Cytoplasm.

PMM2 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PMM2 Antibody (C-term) Blocking Peptide - Images

PMM2 Antibody (C-term) Blocking Peptide - Background

The protein encoded by this gene catalyzes the isomerization of mannose 6-phosphate to mannose

1-phosphate, which is a precursor to GDP-mannose necessary for the synthesis of dolichol-P-oligosaccharides. Mutations in this gene have been shown to cause defects in glycoprotein biosynthesis, which manifests as carbohydrate-deficient glycoprotein syndrome type I. [provided by RefSeq].

PMM2 Antibody (C-term) Blocking Peptide - References

Vega, A.I., et al. Hum. Mutat. 30(5):795-803(2009) Coman, D., et al. Am. J. Med. Genet. A 146(3):389-392(2008) Vermeer, S., et al. J. Neurol. 254(10):1356-1358(2007) Coman, D., et al. J Clin Neurosci 14(7):668-672(2007) Schollen, E., et al. Mol. Genet. Metab. 90(4):408-413(2007)