10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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 theisomerization of mannose 6-phosphate to mannose

1-phosphate, whichis a precursor to GDP-mannose necessary for the synthesis ofdolichol-P-oligosaccharides. Mutations in this gene have been shownto cause defects in glycoprotein biosynthesis, which manifests ascarbohydrate-deficient glycoprotein syndrome type I. [provided byRefSeq].

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)