

**PMM2 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP19008b**

**Specification**

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**PMM2 Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O15305</a>
Other Accession	<a href="#">O9Z2M7</a> , <a href="#">O60HD6</a> , <a href="#">O3SZJ9</a> , <a href="#">NP_000294.1</a>
Reactivity	Human
Predicted	Bovine, Monkey, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	198-226

**PMM2 Antibody (C-term) - Additional Information**

**Gene ID** 5373

**Other Names**

Phosphomannomutase 2, PMM 2, PMM2

**Target/Specificity**

This PMM2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 198-226 amino acids from the C-terminal region of human PMM2.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

PMM2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**PMM2 Antibody (C-term) - 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

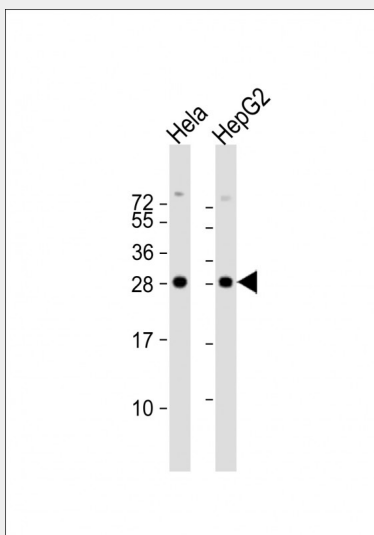
Cytoplasm.

## PMM2 Antibody (C-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## PMM2 Antibody (C-term) - Images



All lanes : Anti-PMM2 Antibody (C-term) at 1:1000 dilution Lane 1: HeLa whole cell lysate Lane 2: HepG2 whole cell lysate Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 28 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

## PMM2 Antibody (C-term) - 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) - 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)