

PMM1 mouse monoclonal antibody (hybridoma)

Catalog # H00005372-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant PMM1.
Immunogen	PMM1 (AAH10855.1, 1 a.a. ~ 262 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAVTAQAARRKERVLCFLDVGTLTPARQKIDPEVAAFLQKLRSRVQIGVVGGSDYCKIAEQLGD GDEVIEKFDYVFAENGTVQYKHGRLLSKQTQNHLEELLQDLINFCLSYMALLRLPKKRGTFIEFR NGMLNISPIGRSCTLEERIEFSELDKKEKIREKFVEALKTEFAGKGLRFSRGGMISFDVFPEGWDK RYCLDSLQDSFDTIHFFGNETSPGGNDFEIFADPRTVGHSSVSPQDTVQRCREIFFPETAHEA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (95); Rat (95)
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)
[Protocol Download](#)
- Western Blot (Recombinant protein)
[Protocol Download](#)
- ELISA

Gene Info — PMM1

Entrez GeneID [5372](#)

GeneBank Accession# [BC010855.2](#)

Protein Accession# [AAH10855.1](#)

Gene Name PMM1

Gene Alias Sec53

Gene Description phosphomannomutase 1

Omim ID [601786](#)

Gene Ontology [Hyperlink](#)

Gene Summary Phosphomannomutase catalyzes the conversion between D-mannose 6-phosphate and D-mannose 1-phosphate which is a substrate for GDP-mannose synthesis. GDP-mannose is used for synthesis of dolichol-phosphate-mannose, which is essential for N-linked glycosylation and thus the secretion of several glycoproteins as well as for the synthesis of glycosyl-phosphatidyl-inositol (GPI) anchored proteins. [provided by RefSeq]

Other Designations OTTHUMP00000028766|brain glucose-1,6-bisphosphatase

Pathway

- [Amino sugar and nucleotide sugar metabolism](#)
- [Fructose and mannose metabolism](#)
- [Metabolic pathways](#)