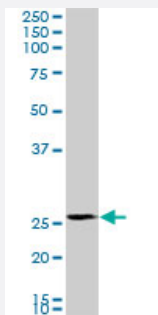


PMM2 monoclonal antibody (M02), clone 2A5

Catalog # H00005373-M02

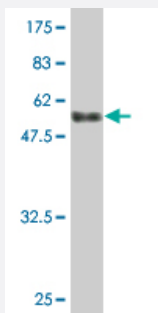
Size 100 ug

Applications



Western Blot (Cell lysate)

PMM2 monoclonal antibody (M02), clone 2A5. Western Blot analysis of PMM2 expression in K-562 (Cat # L009V1).



Western Blot detection against Immunogen (52.8 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant PMM2.

Immunogen

PMM2 (AAH08310, 1 a.a. ~ 246 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

MAAPGPALCLFDVDGTLTAPRQKITKEMDDFLQKLRLQKIKIGVVGGSDFEKVQEQLGNDVVEKYD
YVFPENGLVAYKDGKLLCRQNIQSHLGEALIQDLINCLSYIAKIKLPKKRGTFIEFRNGMLNVSPIGR
SCSQEERIEFYELDKKENIRQKFVADLRKEFAGKGLTFSIGGQISFDVFPDGDWKRYCLRHVEND
GYKTIYFFGDKTMPGGNDHEIFDPRMTMGYSVTAPEDTRRICELLFS

Host

Mouse

Reactivity

Human

Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (52.8 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

PMM2 monoclonal antibody (M02), clone 2A5. Western Blot analysis of PMM2 expression in K-562 (Cat # L009V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — PMM2

Entrez GeneID	5373
GeneBank Accession#	BC008310
Protein Accession#	AAH08310
Gene Name	PMM2
Gene Alias	CDG1, CDG1a, CDGS
Gene Description	phosphomannomutase 2
Omim ID	212065 601785
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene catalyzes the isomerization of mannose 6-phosphate to manno se 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 biosy nthesis, which manifests as carbohydrate-deficient glycoprotein syndrome type I. [provided by Ref Seq

Other Designations

-

Pathway

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