

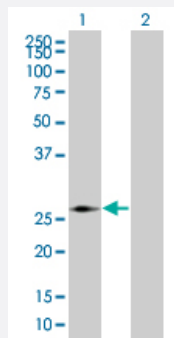
MaxPab®

PMM2 MaxPab mouse polyclonal antibody (B01)

Catalog # H00005373-B01

Size 50 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PMM2 expression in transfected 293T cell line ([H00005373-T01](#)) by PMM2 MaxPab polyclonal antibody.

Lane 1: PMM2 transfected lysate(27.06 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human PMM2 protein.
Immunogen	PMM2 (NP_000294.1, 1 a.a. ~ 246 a.a) full-length human protein.
Sequence	MAAPGPALCLFDVDGTLTAPRQKITKEMDDFLQKLRLQKIKIGVVGGSDFEKVQEQLGNDVVEKYD YVFPENGLVAYKDGKLLCRQNIQSHLGEALIQDLINCLSYAKIKLPKKRGTFIEFRNGMLNVSPIGR SCSQEERIEFYELDKKENIRQKFVADLRKEFAGKGLTFSIGGQISFDVFPDGDWKRYCLRHVEND GYKTIYFFGDKTMPGGNDHEIFTDPRTMGYSVTAPEDTRRICELLFS
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

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[Protocol Download](#)

Gene Info — PMM2

Entrez GeneID [5373](#)

GeneBank Accession# [NM_000303.1](#)

Protein Accession# [NP_000294.1](#)

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 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]

Other Designations -

Pathway

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