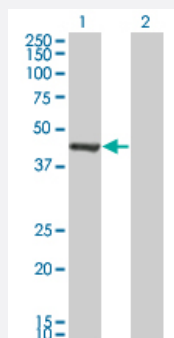


# GMPPA monoclonal antibody (M01), clone 2F1

Catalog # H00029926-M01

Size 100 ug

## Applications

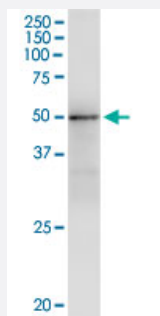


### Western Blot (Transfected lysate)

Western Blot analysis of GMPPA expression in transfected 293T cell line by GMPPA monoclonal antibody (M01), clone 2F1.

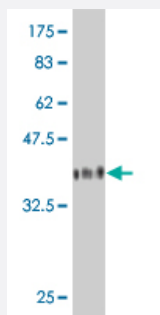
Lane 1: GMPPA transfected lysate(46.291 kDa).

Lane 2: Non-transfected lysate.



### Immunoprecipitation

Immunoprecipitation of GMPPA transfected lysate using anti-GMPPA monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with GMPPA monoclonal antibody.



Western Blot detection against Immunogen (36.74 kDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant GMPPA.

Immunogen	GMPPA (NP_037467, 321 a.a. ~ 420 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	ESIVLHGATLQEHTCVLHSV/GWGSTV/GRWARVEGTPSDPNPNDPRARMDSESLFKDGKLLPAIT ILGCRVRIPAEVLILNSMLPHKELSRSTNQIL
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 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 (Transfected lysate)

Western Blot analysis of GMPPA expression in transfected 293T cell line by GMPPA monoclonal antibody (M01), clone 2F1.

Lane 1: GMPPA transfected lysate(46.291 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of GMPPA transfected lysate using anti-GMPPA monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with GMPPA monoclonal antibody.

[Protocol Download](#)

- ELISA

## Gene Info — GMPPA

Entrez GeneID [29926](#)

GeneBank Accession#	<a href="#">NM_013335</a>
Protein Accession#	<a href="#">NP_037467</a>
Gene Name	GMPPA
Gene Alias	-
Gene Description	GDP-mannose pyrophosphorylase A
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene is thought to encode a GDP-mannose pyrophosphorylase. This enzyme catalyzes the reaction which converts mannose-1-phosphate and GTP to GDP-mannose which is involved in the production of N-linked oligosaccharides. [provided by RefSeq]
Other Designations	OTTHUMP00000064861 OTTHUMP00000064862 OTTHUMP00000071324 mannose-1-phosphate guanylyltransferase (GDP)

## Pathway

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