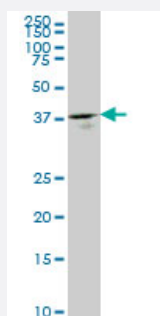


GMPPB monoclonal antibody (M07), clone 2B5

Catalog # H00029925-M07

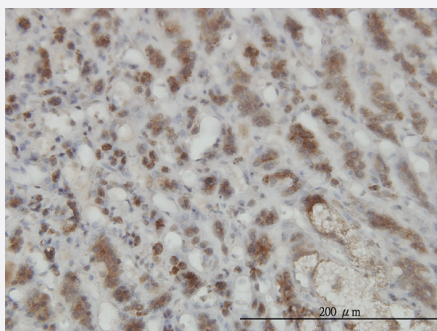
Size 100 ug

Applications



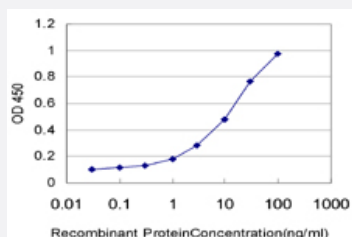
Western Blot (Cell lysate)

GMPPB monoclonal antibody (M07), clone 2B5 Western Blot analysis of GMPPB expression in HepG2 (Cat # L019V1).



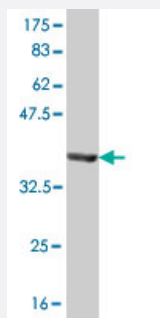
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to GMPPB on formalin-fixed paraffin-embedded human adrenal gland. [antibody concentration 3 ug/ml]



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GMPPB is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant GMPPB.
Immunogen	GMPPB (NP_037466, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MKALILVGGYGTRLRPLTLSTPKPLVDFCNKPILLHQVEALAAAGVDHVLAVSYMSQVLEKEMKA QEQLGIRISMSHEEEPLGTAGPLALARDLLSETADPFFVLNSD
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 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)

GMPPB monoclonal antibody (M07), clone 2B5 Western Blot analysis of GMPPB expression in HepG2 (Cat # L019V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to GMPPB on formalin-fixed paraffin-embedded human adrenal gland. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GMPPB is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — GMPPB

Entrez GeneID [29925](#)

GeneBank Accession# [NM_013334](#)

Protein Accession# [NP_037466](#)

Gene Name GMPPB

Gene Alias KIAA1851

Gene Description GDP-mannose pyrophosphorylase B

Gene Ontology [Hyperlink](#)

Gene Summary This gene is thought to encode a GDP-mannose pyrophosphorylase. The encoded protein catalyzes the conversion of mannose-1-phosphate and GTP to GDP-mannose, a reaction involved in the production of N-linked oligosaccharides. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq]

Other Designations mannose-1-phosphate guanylyltransferase

Pathway

- [Amino sugar and nucleotide sugar metabolism](#)

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

Disease

- [Crohn Disease](#)
- [Genetic Predisposition to Disease](#)