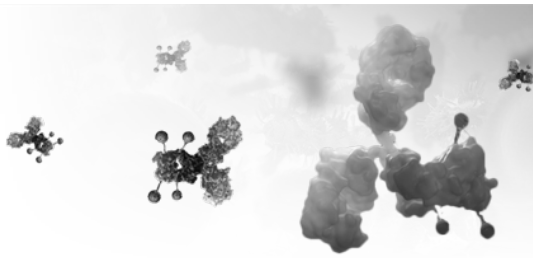

Mouse anti-Human GMPPA monoclonal antibody, clone 3G2 (CABT-B10341)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	GMPPA (NP_037467, 321 a.a. ~ 421 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	3G2
Conjugate	Unconjugated
Applications	WB,IP,ELISA
Sequence Similarities	ESIVLHGATLQEHTCVLHSIVGWGSTVGRWARVEGTPSDPNPNDPRARMDSESLFKDGKL LPAITILGCRVRIPAEVLILNSIVLPHKELSRSFTNQIIL*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	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

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	involved in the production of N-linked oligosaccharides. [provided by RefSeq, Jul 2008]
Keywords	GMPPA; GDP-mannose pyrophosphorylase A; AAMR; mannose-1-phosphate guanyltransferase alpha; GMPP-alpha; mannose-1-phosphate guanylyltransferase (GDP); GTP-mannose-1-phosphate guanylyltransferase alpha;

GENE INFORMATION

Entrez Gene ID	29926
UniProt ID	Q96IJ6
Pathway	Amino sugar and nucleotide sugar metabolism, organism-specific biosystem; Amino sugar and nucleotide sugar metabolism, conserved biosystem; Asparagine N-linked glycosylation, organism-specific biosystem; Biosynthesis of the N-glycan precursor (dolichol lipid-linked oligosaccharide, LLO) and transfer to a nascent protein, organism-specific biosystem; Fructose and mannose metabolism, organism-specific biosystem; Fructose and mannose metabolism, conserved biosystem
Function	GTP binding; mannose-1-phosphate guanylyltransferase activity; nucleotide binding; nucleotidyltransferase activity; transferase activity

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