



PMM1 mouse mAb

Catalog No	YP-mAb-11669
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	PMM1 PMMH22
Immunogen	Synthesized peptide derived from human PMM1 AA range: 18-68
Specificity	This antibody detects endogenous levels of PMM1 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	phosphomannomutase 1;PMM 1;PMM1;PMMH 22;PMMH22;Sec53;PMM1 PMMH22
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Cytoplasm .
Tissue Specificity	Strong expression in liver, heart, brain, and pancreas; lower expression in skeletal muscle.
Function	catalytic activity:Alpha-D-mannose 1-phosphate = D-mannose 6-phosphate., function:Involved in the synthesis of the GDP-mannose and dolichol-phosphate-mannose required for a number of critical mannosyl transfer reactions., pathway:Nucleotide-sugar biosynthesis; GDP-D-mannose biosynthesis; alpha-D-mannose 1-phosphate from D-fructose 6-phosphate: step 2/2.,similarity:Belongs to the eukaryotic PMM family.,tissue specificity:Strong expression in liver, heart, brain, and pancreas; lower expression in skeletal muscle.,
Background	Phosphomannomutase catalyzes the conversion between D-mannose 6-phosphate and D-mannose 1-phosphate which is a substrate for GDP-mannose synthesis. GDP-mannose is used for synthesis of dolichol-phosphate-mannose,



which is essential for N-linked glycosylation and thus the secretion of several glycoproteins as well as for the synthesis of glycosyl-phosphatidyl-inositol (GPI) anchored proteins. [provided by RefSeq, Jul 2008],

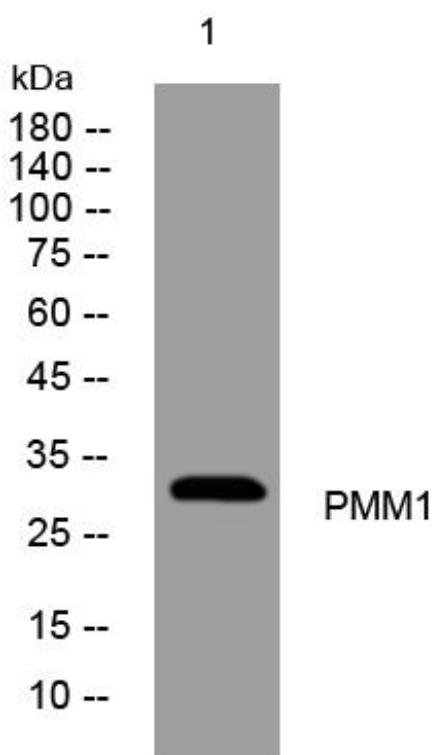
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using PMM1 mouse mAb