



MAGT1 Mouse mAb

Catalog No	YP-mAb-18840
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	MAGT1 IAG2 PSEC0084 UNQ628/PRO1244
Immunogen	Synthesized peptide derived from human MAGT1
Specificity	This antibody detects endogenous levels of MAGT1 at Human,Rat
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 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	IAP;XMEN;MRX95;OST3B;CDG1CC;PRO0756;SLC58A1;bA217H1.1;MAGT1; MAGT1 IAG2 PSEC0084 UNQ628/PRO1244;Magnesium transporter protein 1 (MagT1) (Implantation-associated protein) (IAP)
Observed Band	50kDa
Calculated Molecular Weight	38kDa
Cell Pathway	Ubiquitous. Expressed at very low levels in brain, lung and kidney.
Tissue Specificity	
Function	Cell membrane ; Multi-pass membrane protein . Endoplasmic reticulum . Endoplasmic reticulum membrane ; Multi-pass membrane protein .
Background	Accessory component of the STT3B-containing form of the N-oligosaccharyl transferase (OST) complex which catalyzes the transfer of a high mannose oligosaccharide from a lipid-linked oligosaccharide donor to an asparagine residue within an Asn-X-Ser/Thr consensus motif in nascent polypeptide chains . Involved in N-glycosylation of STT3B-dependent substrates . Specifically required for the glycosylation of a subset of acceptor sites that are near cysteine residues; in this function seems to act redundantly with TUSC3. In its oxidized form proposed to form transient mixed disulfides with a glycoprotein substrate to



facilitate access of STT3B to the unmodified acceptor site. Has also oxidoreductase-independent functions in the STT3B-containing OST complex possibly involving substrate recognition. ; May be involved in Mg(2+) transport in epithelial cells.

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