

Mouse anti-Human Mannose Phosphate Isomerase Monoclonal Antibody | anti-MPI antibody

Mannose Phosphate Isomerase Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290486	Mouse	Human	Immunocytochemistry, Western Blot

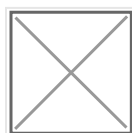
PRODUCT SYNONYMS

Mannose Phosphate Isomerase; Monoclonal Antibody; Mannose Phosphate Isomerase Antibody; Purified Mouse Monoclonal Antibody (Mab); PMI1; CDG1B; FLJ39201; Mannose 6 phosphate isomerase; Mannose-6-phosphate isomerase; MANNOSEPHOSPHATE ISOMERASE; MGC94106; MPI; MPI_HUMAN; Phosphohexomutase; phosphomannose isomerase 1; Phosphomannose isomerase; PMI; PMI1.; anti-MPI antibody

PRODUCT SPECIFICATIONS

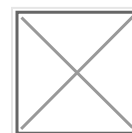
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Form/Format	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol
Sequence Length	373
Applicable Applications for anti-MPI antibody	ICC (Immunocytochemistry), WB (Western Blot)
Antigen Source	Human
Antigen Type	Recombinant Protein
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



ICC (Immunocytochemistry)

Immunocytochemistry stain of Hela using Mannose Phosphate Isomerase mouse mAb (1:300).



WB (Western Blot)

Western blot detection of Mannose Phosphate Isomerase in Rat kidney, Rat brain, A549 and Lncap cell lysates and using Mannose Phosphate Isomerase mouse mAb (1:1000 diluted). Predicted band size: 54KDa. Observed band size: 45KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-MPI antibody	Involved in the synthesis of the GDP-mannose and dolichol-phosphate-mannose required for a number of critical mannosyl transfer reactions.
Product Categories/Family for anti-MPI antibody	Metabolism; Signal Transduction
References	Proudfoot A.E.I., et al. Eur. J. Biochem. 219:415-423(1994). Schollen E., et al. Hum. Mutat. 16:247-252(2000). Ota T., et al. Nat. Genet. 36:40-45(2004). Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases. Gauci S., et al. Anal. Chem. 81:4493-4501(2009).

NCBI AND UNIPROT INFORMATION

NCBI GI #	574584838
NCBI GeneID	4351
NCBI Accession #	NP_001276085.1
NCBI GenBank Nucleotide #	NM_001289156.1
UniProt Accession #	P34949; Q96AB0; A8K8K9
Molecular Weight	46656
NCBI Official Full Name	mannose-6-phosphate isomerase isoform 3
NCBI Official Synonym Full Names	mannose phosphate isomerase
NCBI Official Symbol	MPI
NCBI Official Synonym Symbols	PMI; PMI1; CDG1B
NCBI Protein Information	mannose-6-phosphate isomerase
UniProt Protein Name	Mannose-6-phosphate isomerase
UniProt Gene Name	MPI
UniProt Synonym Gene Names	PMI1; PMI
UniProt Entry Name	MPI_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/mannose-phosphate-isomerase-antibody-immunocytochemistry-western-blot-elisa/290486>