

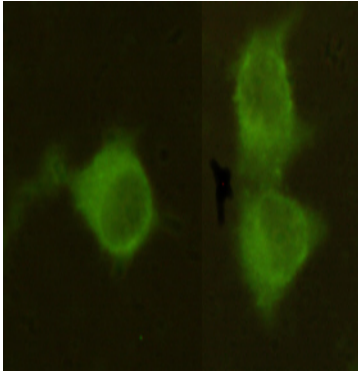


MPI Antibody

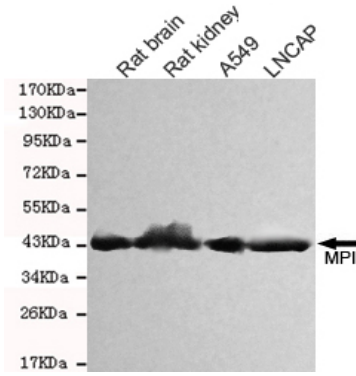
E2200287

- Catalog Number:** E2200287
- Size:** 100ug
- Host:** Mouse
- Formulation:** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol
- Sensitivity:** This antibody detects endogenous levels of MPI and does not cross-react with related proteins.
- Entrez summary:** Phosphomannose isomerase catalyzes the interconversion of fructose-6-phosphate and mannose-6-phosphate and plays a critical role in maintaining the supply of D-mannose derivatives, which are required for most glycosylation reactions. Mutations in the MPI gene were found in patients with carbohydrate-deficient glycoprotein syndrome, type Ib.
- UniPort summary** Involved in the synthesis of the GDP-mannose and dolichol-phosphate-mannose required
- Function:** for a number of critical mannosyl transfer reactions.
- Immunogen:** Purified recombinant human MPI protein fragments expressed in E.coli.
- Antibody Type:** Monoclonal antibody
- Isotype:** IgG1
- Purified method:** Affinity purified
- Subcellular location:** Cytoplasm
- Reactivity:** H,R
- Applications:** WB,ICC
- Molecular Weight:** 54kDa
- UniProt number:** P34949
- GeneBank ID:** NM_002435.1
- Gene symbol:** PMI; PMI1; CDG1B
- Alternate names:** Phosphohexomutase; Phosphomannose isomerase, Short name=PMI

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Immunocytochemistry stain of HeLa using MPI antibody (1:300).



Western blot detection of MPI in Rat kidney,Rat brain, A549&LNCAP cell lysates and using MPI antibody (1:1000 diluted). Predicted band size: 54KDa Observed band size: 45KDa.