

MPI monoclonal antibody

Catalog: MB0150

Host: Mouse

Reactivity: Human,Rat

BackGround:

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. Involved in the synthesis of the GDP-mannose and dolichol-phosphate-mannose required for a number of critical mannosyl transfer reactions.

Product:

Mouse IgG1, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

Predicted band size:54KDa

Observed band size:45KDa

Swiss-Prot:

P34949

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~2000

ICC: 1:200~500

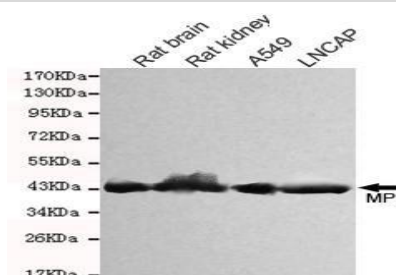
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

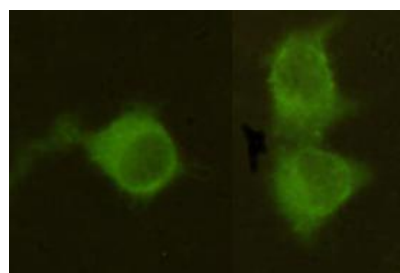
Specificity:

This antibody detects endogenous levels of Mannose Phosphate Isomerase and does not cross-react with related proteins

DATA:



Western blot detection of MPI in Rat kidney, Rat brain, A549 & LNCAP cell lysates and using MPI antibody (1:1000 diluted).



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

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151