

Product Name: Mannose Phosphate Isomerase (4G9) Mouse Monoclonal Antibody
Catalog #: AMM03698

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB, ICC/IF
Reactivity	Human, Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000, ICC/IF 1:50-1:200
Molecular Weight	Calculated MW: 47 kDa; Observed MW: 47 kDa

Antigen Information

Gene Name	MPI
Alternative Names	PMI; PMI1; CDG1B
Gene ID	4351
SwissProt ID	P34949
Immunogen	A synthetic peptide of human Mannose Phosphate Isomerase

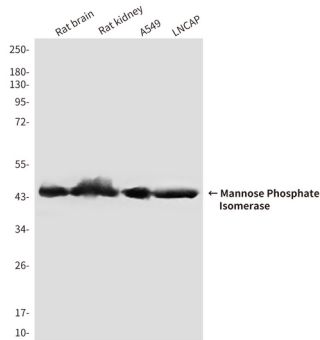
Background

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

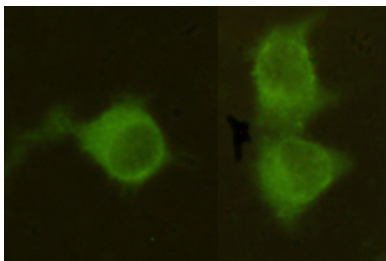
Research Area

Endocrine & Metabolism

Image Data



Western blot detection of Mannose Phosphate Isomerase in rat kidney, rat brain, A549 and Lncap lysates using Mannose Phosphate Isomerase mouse mAb (1:1000 diluted).



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