

MANNOSE PHOSPHATE ISOMERASE (4G9) MOUSE MAB

Cat.#: N261022

Product Name: Anti-Mannose Phosphate Isomerase (4G9) Mouse Monoclonal Antibody

Synonyms: PMI; PMII; CDG1B

UNIPROT ID: P34949

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

Immunogen: Purified recombinant human Mannose Phosphate Isomerase protein fragments expressed in E.coli.

Applications: WB, ICC/IF

Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200

Host Species: Mouse

Clonality: Mouse Monoclonal

Clone ID: 4G9-B4-B8

MW: Calculated MW: 47 kDa; Observed MW: 47 kDa

Isotype: IgG1

Purification: Affinity Purified

Species Reactivity: Human, Rat

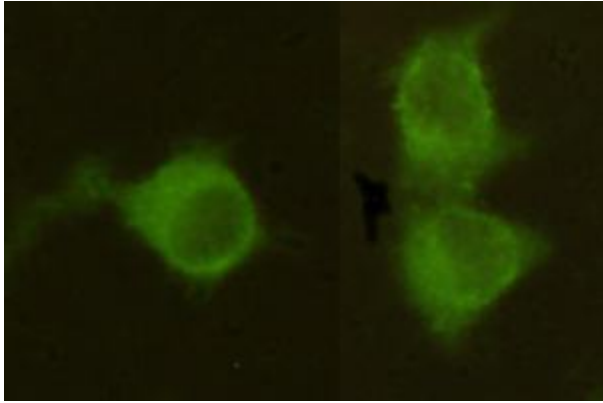
Conjugation: Unconjugated

Modification: Unmodified

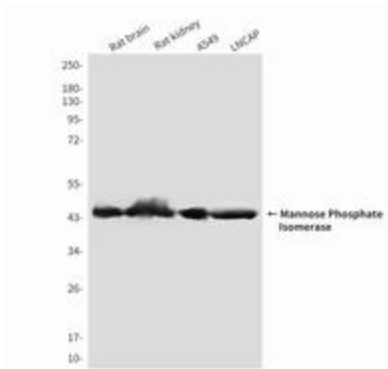
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Endocrine & Metabolism

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



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



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).