

bs-18654R**[Primary Antibody]**

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MPI/Mannose Phosphate Isomerase Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000)
Clonality: Polyclonal		
GeneID: 4351	SWISS: P34949	
Target: MPI/Mannose Phosphate Isomerase		
Immunogen: KLH conjugated synthetic peptide derived from human MPI/Mannose Phosphate Isomerase: 61-160/423.		
Purification: affinity purified by Protein A		Reactivity: (predicted: Human, Mouse, Rat, Pig, Sheep, Cow, Horse)
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		Predicted MW.: 46 kDa
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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]		Subcellular Location: Cytoplasm

— SELECTED CITATIONS —

- **[IF=2.886]** Jun Sha. et al. Mannose Impairs Lung Adenocarcinoma Growth and Enhances the Sensitivity of A549 Cells to Carboplatin. Cancer Manag Res. 2020; 12: 11077-11083 IHC ;Human. 33173340