

## Anti-MPI antibody [4G9-B4-B8] (STJ99059)

STJ99059

### GENERAL INFORMATION

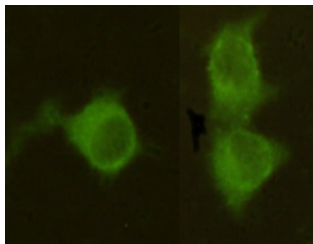
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Mouse monoclonal antibody anti-Mannose-6-phosphate isomerase is suitable for use in Western Blot and Immunocytochemistry research applications.
<b>Applications</b>	WB/ICC
<b>Host/Source</b>	Mouse
<b>Reactivity</b>	Human/Rat

### PRODUCT PROPERTIES

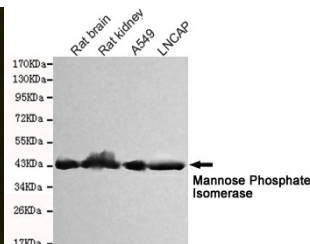
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	4G9-B4-B8
<b>Concentration</b>	1 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
<b>Dilution Range</b>	WB 1:1000 ICC 1:300
<b>Formulation</b>	Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
<b>Isotype</b>	IgG1
<b>Storage</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
<b>Instruction</b>	

### TARGET INFORMATION

<b>Gene ID</b>	4351
<b>Gene Symbol</b>	MPI
<b>Uniprot ID</b>	MPI_HUMAN
<b>Immunogen</b>	Purified recombinant human Mannose Phosphate Isomerase protein fragments expressed in E.coli.
<b>Immunogen Region</b>	
<b>Specificity</b>	This antibody detects endogenous levels of Mannose Phosphate Isomerase and does not cross-react with related proteins.
<b>Immunogen Sequence</b>	



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 cell lysates and using Mannose Phosphate Isomerase mouse mAb (1:1000 diluted). Predicted band size: 54kDa. Observed band size: 54kDa.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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