

# Product Datasheet

## Mannose Phosphate Isomerase Antibody - BSA Free NBP1-31460

Unit Size: 100 ul

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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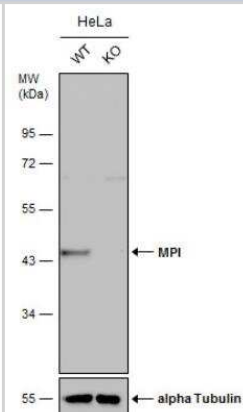
**NBP1-31460****Mannose Phosphate Isomerase Antibody - BSA Free**

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Thimerosal
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	0.1M Tris (pH 7), 0.1M Glycine, 10% Glycerol
<b>Target Molecular Weight</b>	47 kDa
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	4351
<b>Gene Symbol</b>	MPI
<b>Species</b>	Human, Rat
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (84%).
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human Mannose Phosphate Isomerase. The exact sequence is proprietary.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockout Validated
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Knockout Validated

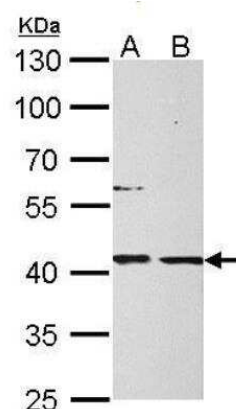


## Images

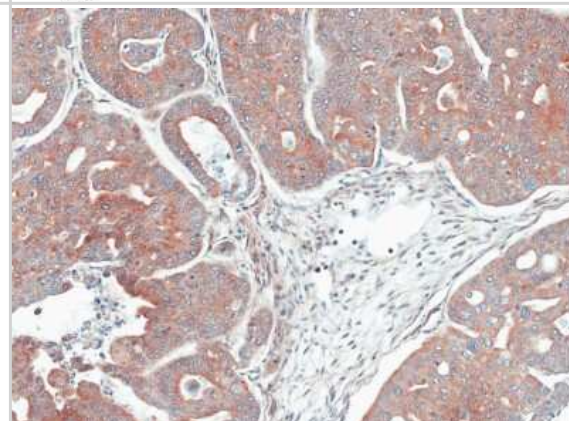
Western Blot: Mannose Phosphate Isomerase Antibody [NBP1-31460] - Wild-type (WT) and MPI knockout (KO) HeLa cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with MPI antibody. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



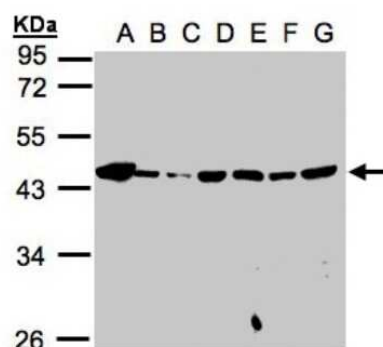
Western Blot: Mannose Phosphate Isomerase Antibody [NBP1-31460] - A. 30 ug PC-12 whole cell lysate/extract B. 30 ug Rat2 whole cell lysate/extract 10 % SDS-PAGE MPI antibody dilution: 1:1000



Immunohistochemistry-Paraffin: Mannose Phosphate Isomerase Antibody [NBP1-31460] - Gastric CA N87 xenograft, using MPI antibody at 1:100 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Western Blot: Mannose Phosphate Isomerase Antibody [NBP1-31460] - Sample(30ug whole cell lysate) A: 293T B: A431 C: H1299 D: HeLa S3 E: Hep G2 F: MOLT4 G: Raji 10% SDS PAGE, antibody diluted at 1:1000.





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### **Products Related to NBP1-31460**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-72436-100ug	Recombinant Human Mannose Phosphate Isomerase His Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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