

Product Datasheet

Glucose 6 phosphate isomerase Antibody (12A4) NBP3-26548-100ul

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

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Updated 1/7/2025 v.20.1

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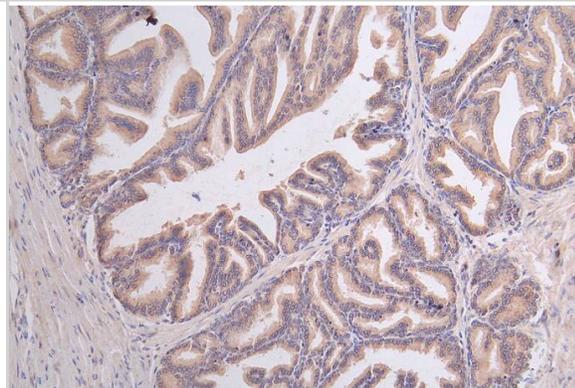


NBP3-26548-100ul**Glucose 6 phosphate isomerase Antibody (12A4)**

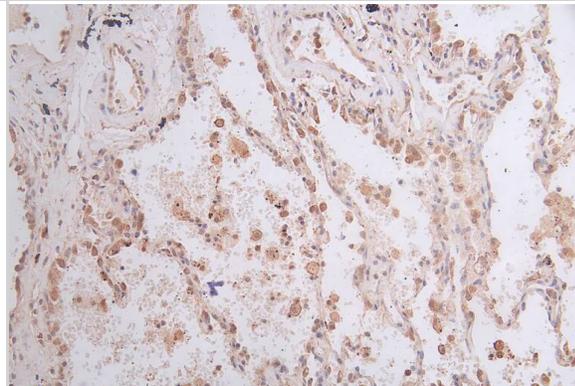
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20 to -70C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	12A4
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, pH 7.4, 150mM NaCl, and 50% glycerol
Product Description	
Host	Rabbit
Gene ID	2821
Gene Symbol	GPI
Species	Human
Immunogen	A synthesized peptide derived from Human Glucose 6 phosphate isomerase [UniProt P06744]
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:200, ELISA, Immunohistochemistry 1:50-1:200

Images

Immunohistochemistry: Glucose 6 phosphate isomerase Antibody (12A4) [NBP3-26548] - Image of Glucose 6 phosphate isomerase Antibody (12A4) diluted at 1:50 and staining in paraffin-embedded human prostate tissue performed. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.45% DAB.

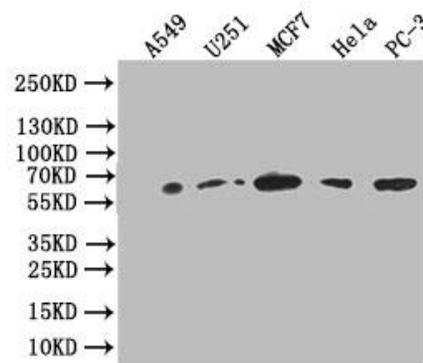


Immunohistochemistry: Glucose 6 phosphate isomerase Antibody (12A4) [NBP3-26548] - Image of Glucose 6 phosphate isomerase Antibody (12A4) diluted at 1:50 and staining in paraffin-embedded human prostate tissue performed. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.45% DAB.

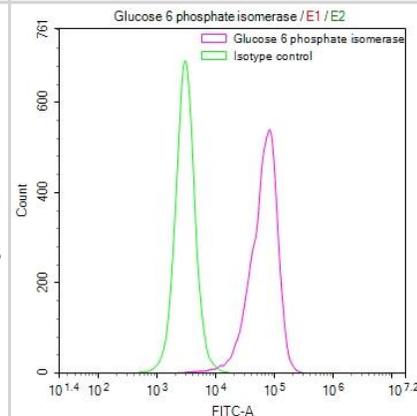


Western Blot: Glucose 6 phosphate isomerase Antibody (12A4) [NBP3-26548] - Positive Western Blot detected in: A549 whole cell lysate, U251 whole cell lysate, MCF7 whole cell lysate, HELA whole cell lysate, PC-3 whole cell lysate.

All lanes: Glucose 6 phosphate isomerase Antibody at 1: 1000
Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution.
Predicted band size: 63 kDa
Observed band size: 63 kDa



Flow Cytometry: Glucose 6 phosphate isomerase Antibody (12A4) [NBP3-26548] - Overlay Peak curve showing A549 cells stained with Glucose 6 phosphate isomerase Antibody (12A4) (red line) at 1:50. The cells were fixed in 4% formaldehyde and permeated by 0.2% Triton X-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*10⁶ cells) for 45min at 4C. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG (H+L) at 1:200 dilution for 35min at 4C. Control antibody (green line) was rabbit IgG (1ug/1*10⁶ cells) used under the same conditions. Acquisition of >10,000 events was performed.





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Products Related to NBP3-26548-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-52232-0.02mg	Recombinant Human Glucose 6 phosphate isomerase His Protein

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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