

# Product Datasheet

## Glucose 1-dehydrogenase Antibody (OTI2A7) - Azide and BSA Free NBP2-71478

Unit Size: 100 ug

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

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**NBP2-71478**

Glucose 1-dehydrogenase Antibody (OTI2A7) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI2A7
Preservative	No Preservative
Reconstitution Instructions	Reconstitute with PBS (pH 7.3). To use this carrier-free antibody for conjugation experiments, another round of desalting is highly recommended.
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	88.7 kDa

Product Description	
Host	Mouse
Gene ID	9563
Gene Symbol	H6PD
Species	Human, Monkey, Primate
Immunogen	Full length human recombinant protein of human H6PD (NP_004276) produced in HEK293T cell.

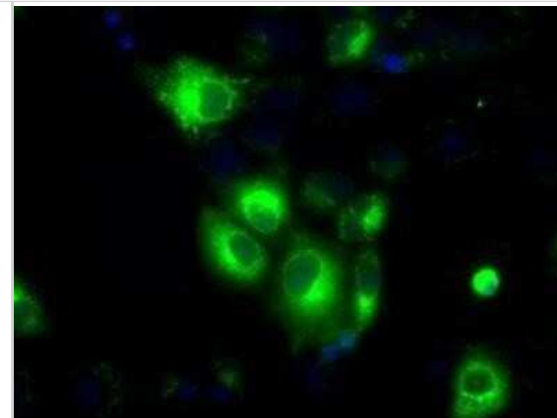
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot 1:250-500, Flow Cytometry 1:100, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:100, CyTOF-ready

**Images**

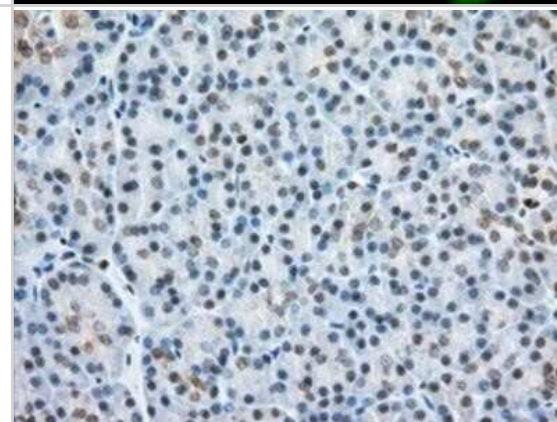
Western Blot: Glucose 1-dehydrogenase Antibody (OTI2A7) - Azide and BSA Free [NBP2-71478] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Glucose 1-dehydrogenase (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with ant



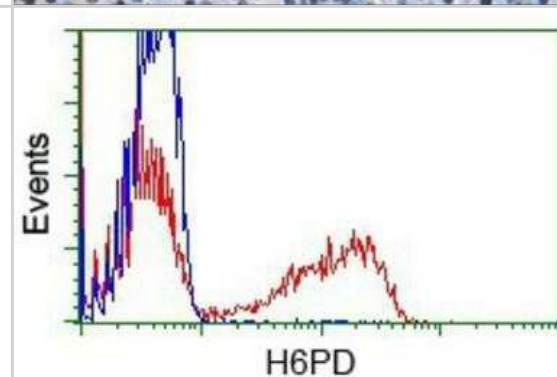
Immunocytochemistry/Immunofluorescence: Glucose 1-dehydrogenase Antibody (OTI2A7) - Azide and BSA Free [NBP2-71478] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY Glucose 1-dehydrogenase.



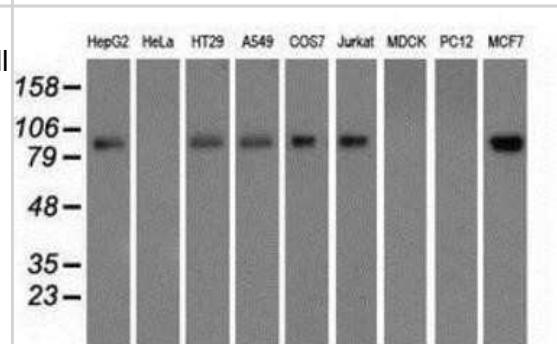
Immunohistochemistry: Glucose 1-dehydrogenase Antibody (OTI2A7) - Azide and BSA Free [NBP2-71478] - Staining of paraffin-embedded Human pancreas tissue using anti-Glucose 1-dehydrogenase mouse monoclonal antibody.



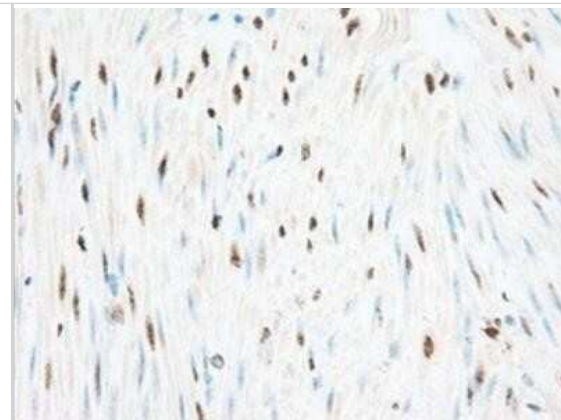
Flow Cytometry: Glucose 1-dehydrogenase Antibody (OTI2A7) - Azide and BSA Free [NBP2-71478] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostaining by anti-Glucose 1-dehydrogenase antibody, and then analyzed by flow cytometry.



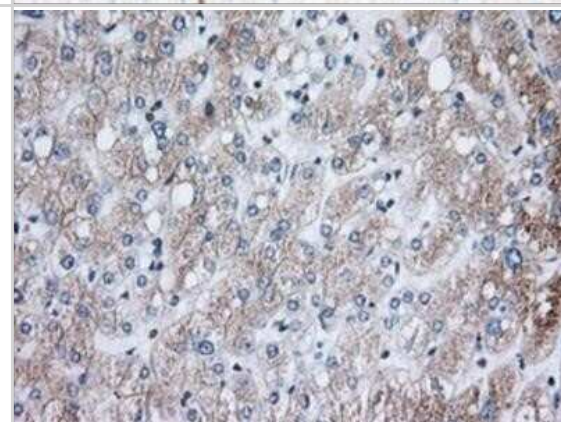
Western Blot: Glucose 1-dehydrogenase Antibody (OTI2A7) - Azide and BSA Free [NBP2-71478] - Analysis of extracts (35ug) from 9 different cell lines by using anti-Glucose 1-dehydrogenase monoclonal antibody.



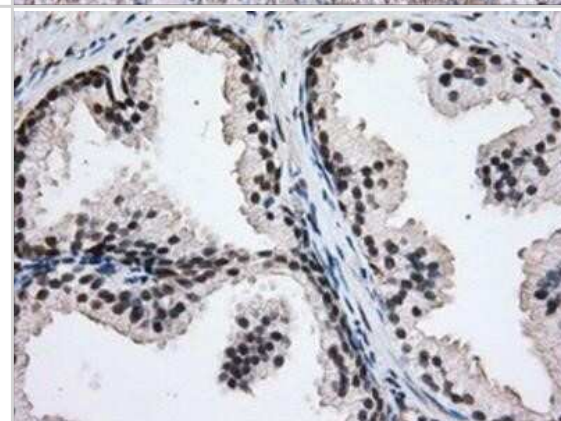
Immunohistochemistry: Glucose 1-dehydrogenase Antibody (OTI2A7) - Azide and BSA Free [NBP2-71478] - Staining of paraffin-embedded Human colon tissue using anti-Glucose 1-dehydrogenase mouse monoclonal antibody.



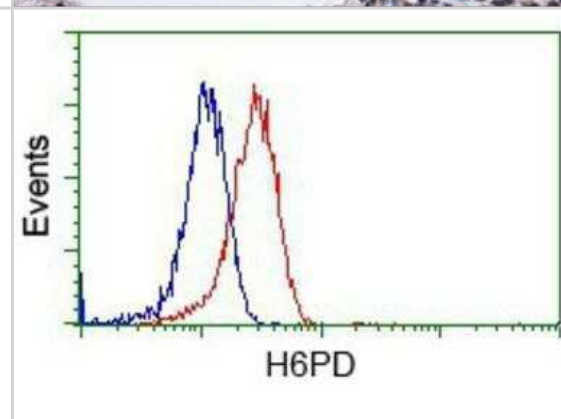
Immunohistochemistry: Glucose 1-dehydrogenase Antibody (OTI2A7) - Azide and BSA Free [NBP2-71478] - Staining of paraffin-embedded Human liver tissue using anti-Glucose 1-dehydrogenase mouse monoclonal antibody.



Immunohistochemistry: Glucose 1-dehydrogenase Antibody (OTI2A7) - Azide and BSA Free [NBP2-71478] - Staining of paraffin-embedded Human prostate tissue using anti-Glucose 1-dehydrogenase mouse monoclonal antibody.



Flow Cytometry: Glucose 1-dehydrogenase Antibody (OTI2A7) - Azide and BSA Free [NBP2-71478] - Analysis of Jurkat cells, using anti-Glucose 1-dehydrogenase antibody, (Red), compared to a nonspecific negative control antibody (Blue).





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

[www.novusbio.com](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-71478**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-91942PEP	Glucose 1-dehydrogenase Recombinant Protein Antigen

### **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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