

# Product Datasheet

## Glut5 Antibody (OTI9F3) - Azide and BSA Free NBP2-71285

Unit Size: 100 ug

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

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**NBP2-71285**

Glut5 Antibody (OTI9F3) - 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	OTI9F3
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	54.8 kDa

Product Description	
Description	Novus Biologicals Mouse Glut5 Antibody (OTI9F3) - Azide and BSA Free (NBP1-47980) is a monoclonal antibody validated for use in IHC, WB, Flow and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	6518
Gene Symbol	SLC2A5
Species	Human, Monkey
Immunogen	Full length human recombinant protein of human SLC2A5 (NP_003030) produced in HEK293T cell.

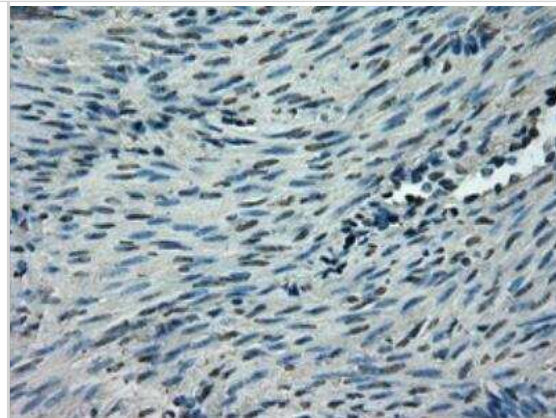
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot 1:500-1000, Flow Cytometry 1:100, Immunohistochemistry 1:50, Immunoprecipitation 2ug/500ul, Immunohistochemistry-Paraffin, CyTOF-ready

**Images**

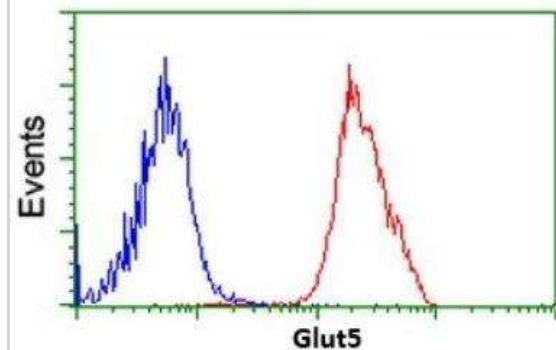
Western Blot: Glut5 Antibody (OTI9F3) - Azide and BSA Free [NBP2-71285] - Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-Glut5 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



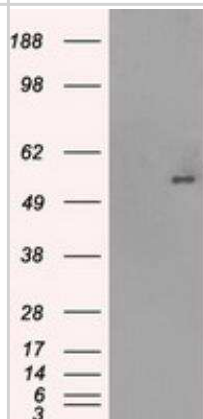
**Immunohistochemistry: Glut5 Antibody (OTI9F3) - Azide and BSA Free [NBP2-71285]** - Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-Glut5 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100C for 10min, NBP1-47980)



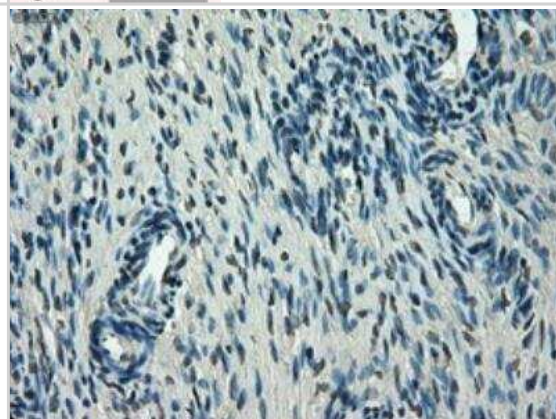
**Flow Cytometry: Glut5 Antibody (OTI9F3) - Azide and BSA Free [NBP2-71285]** - Flow cytometric Analysis of Jurkat cells, using anti-Glut5 antibody (NBP1-47980),(Red), compared to a nonspecific negative control antibody,(Blue).



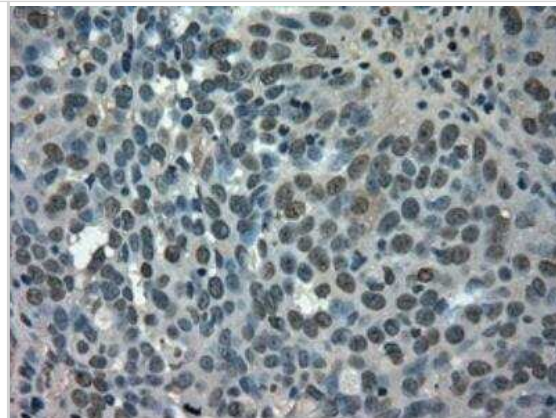
**Western Blot: Glut5 Antibody (OTI9F3) - Azide and BSA Free [NBP2-71285]** - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Glut5 cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-Glut5.



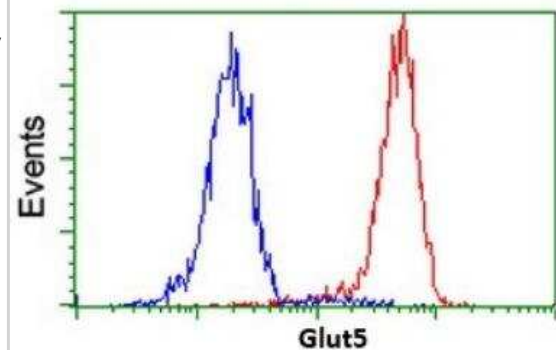
**Immunohistochemistry: Glut5 Antibody (OTI9F3) - Azide and BSA Free [NBP2-71285]** - Immunohistochemical staining of paraffin-embedded Human Ovary tissue within the normal limits using anti-Glut5 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100C for 10min, NBP1-47980)



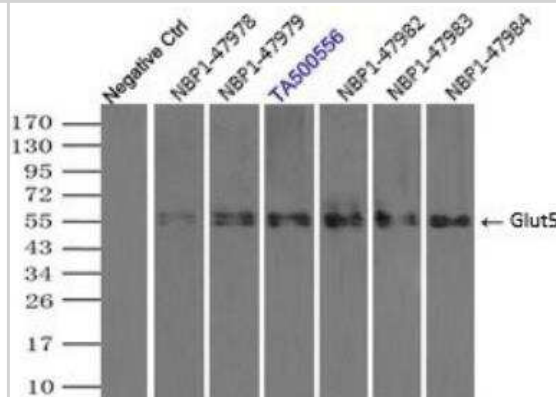
**Immunohistochemistry:** Glut5 Antibody (OTI9F3) - Azide and BSA Free [NBP2-71285] - Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-Glut5 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100C for 10min, NBP1-47980)



**Flow Cytometry:** Glut5 Antibody (OTI9F3) - Azide and BSA Free [NBP2-71285] - Flow cytometric Analysis of Hela cells, using anti-Glut5 antibody (NBP1-47980),(Red), compared to a nonspecific negative control antibody,(Blue).



**Immunoprecipitation:** Glut5 Antibody (OTI9F3) - Azide and BSA Free [NBP2-71285] - Immunoprecipitation(IP) of Glut5 by using monoclonal anti-Glut5 antibodies (Negative control: IP without adding anti-Glut5 antibody). For each experiment, 500ul of DDK tagged Glut5 overexpression lysates (at 1:5 dilution with HEK293T lysate), 2ug of anti-Glut5 antibody and 20ul (0.1mg) of goat anti-mouse conjugated magnetic beads were mixed and incubated overnight. After extensive wash to remove any non-specific binding, the immuno-precipitated products were analyzed with rabbit anti-DDK polyclonal antibody.





### **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  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-71285**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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