Product Datasheet

Glut5 Antibody (OTI9F3)
NBP1-47980

Unit Size: 0.1 ml

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

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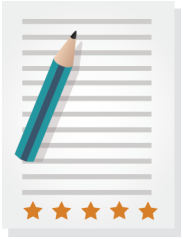


NBP1-47980

Glut5 Antibody (OTI9F3)

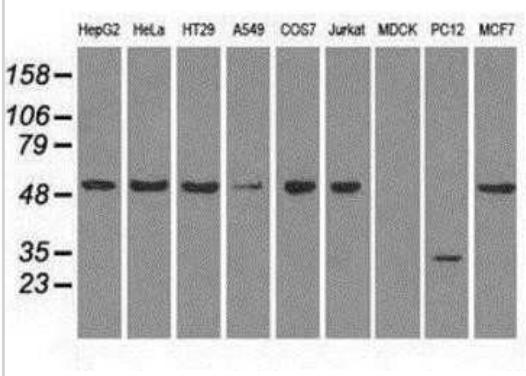
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI9F3
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1% BSA, 50% Glycerol
Target Molecular Weight	54.8 kDa

Product Description	
Description	Novus Biologicals Mouse Glut5 Antibody (OTI9F3) (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
Specificity/Sensitivity	This antibody is specific for Homo sapiens solute carrier family 2 (facilitated glucose/fructose transporter), member 5 (SLC2A5), transcript variant 1.
Immunogen	Full length human recombinant protein of human SLC2A5 (NP_003030) produced in HEK293T cell.

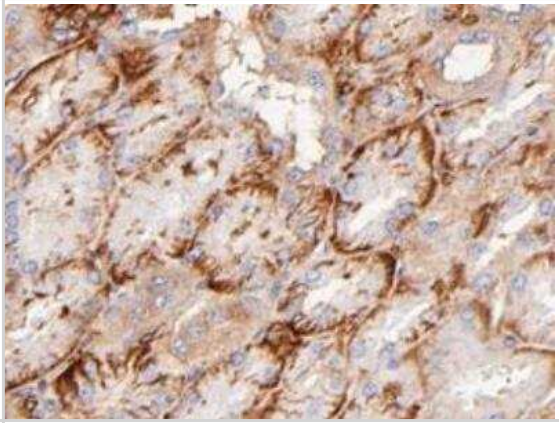
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1000, Flow Cytometry 1:100, Immunohistochemistry 1:50, Immunoprecipitation 2ug/500ul, Immunohistochemistry-Paraffin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

Images

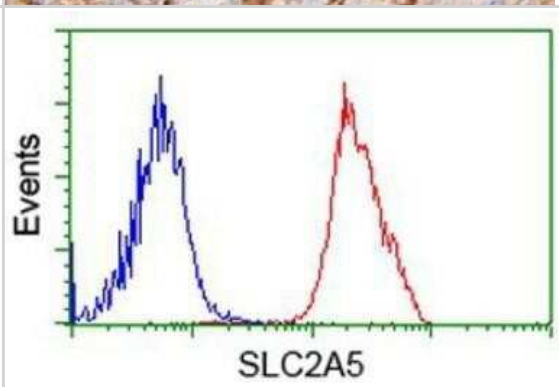
Western Blot: Glut5 Antibody (OTI9F3) [NBP1-47980] - Analysis of extracts (35ug) from 9 different cell lines by usin g anti- GLUT5 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



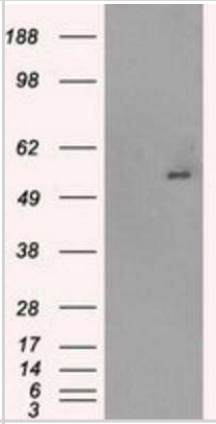
Immunohistochemistry-Paraffin: Glut5 Antibody (OTI9F3) [NBP1-47980] - Human adult kidney tissue section stained with Glut5 antibody at 1:200. Secondary antibody at 1:300. IHC-P image submitted by a verified customer review.



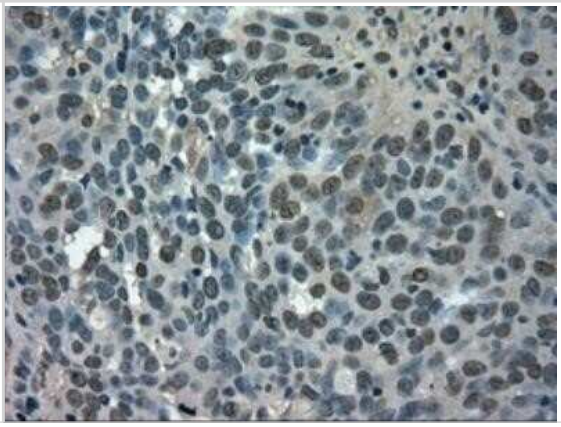
Flow Cytometry: Glut5 Antibody (OTI9F3) [NBP1-47980] - Analysis of Jurkat cells, using anti-GLUT5 antibody, (Red), compared to a nonspecific negative control antibody (Blue).

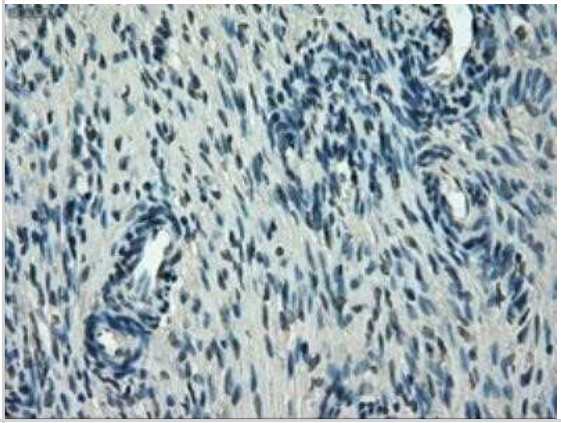
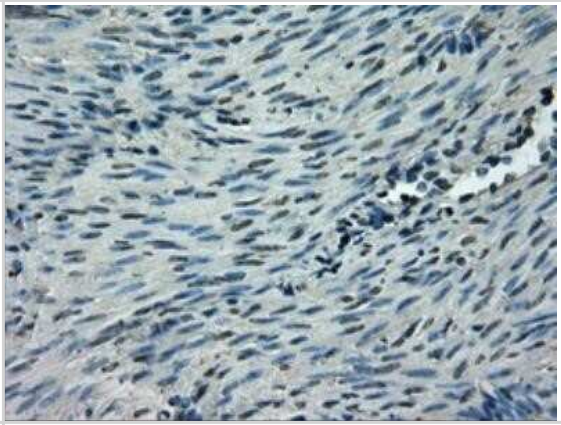
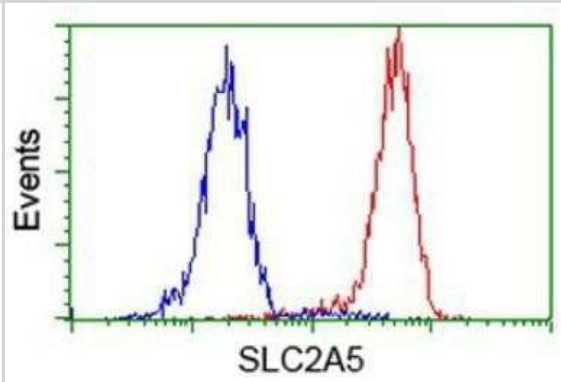
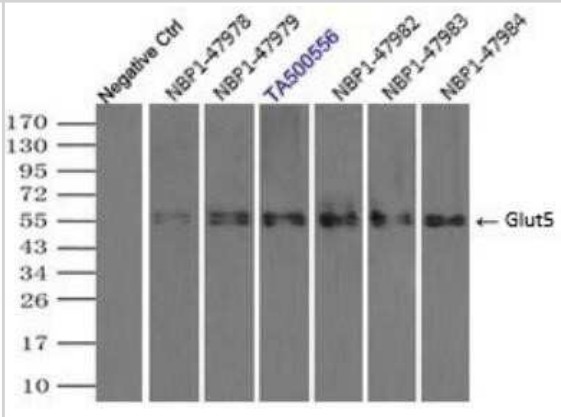


Western Blot: Glut5 Antibody (OTI9F3) [NBP1-47980] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY GLUT5 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti- GLUT5.



Immunohistochemistry-Paraffin: Glut5 Antibody (OTI9F3) [NBP1-47980] - 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) Image using the Azide and BSA Free format of this antibody.



Immunohistochemistry-Paraffin: Glut5 Antibody (OTI9F3) [NBP1-47980] - 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) Image using the Azide and BSA Free format of this antibody.	
Immunohistochemistry-Paraffin: Glut5 Antibody (OTI9F3) [NBP1-47980] - 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) Image using the Azide and BSA Free format of this antibody.	
Flow Cytometry: Glut5 Antibody (OTI9F3) [NBP1-47980] - Analysis of Hela cells, using anti-GLUT5 antibody, (Red), compared to a nonspecific negative control antibody (Blue).	
Immunoprecipitation: Glut5 Antibody (OTI9F3) [NBP1-47980] - 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. Image using the Azide and BSA Free format of this antibody.	

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Products Related to NBP1-47980

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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)

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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