

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

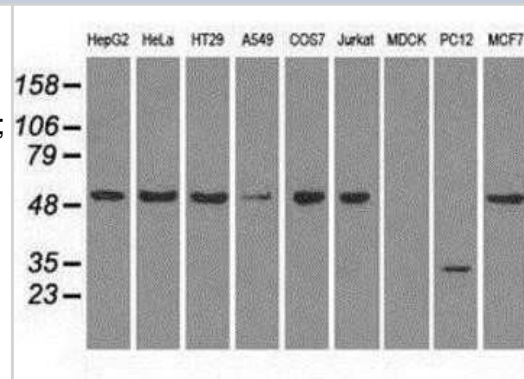
Host	Mouse
Gene ID	6518
Gene Symbol	SLC2A5
Species	Human, Monkey
Specificity/Sensitivity	This antibody is specific for Homo sapiens solute carrier family 2 (facilitated glucose/fructose transporter), member 5 (SLC2A5), transcript variant 1.
Immunogen	Full length human recombinant protein of human SLC2A5 (NP_003030) produced in HEK293T cell.

Product Application Details

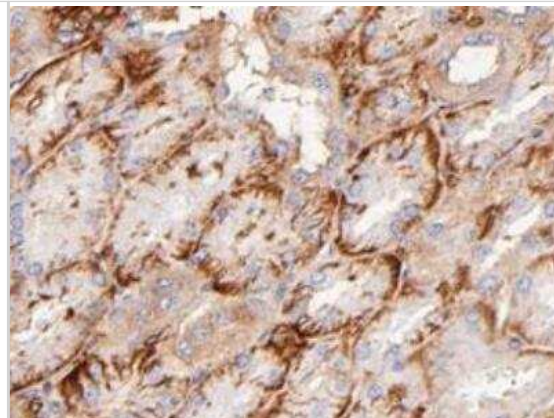
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1000, Flow Cytometry 1:100, Immunohistochemistry 1:50, Immunoprecipitation 2ug/500ul, Immunohistochemistry-Paraffin 1:50

Images

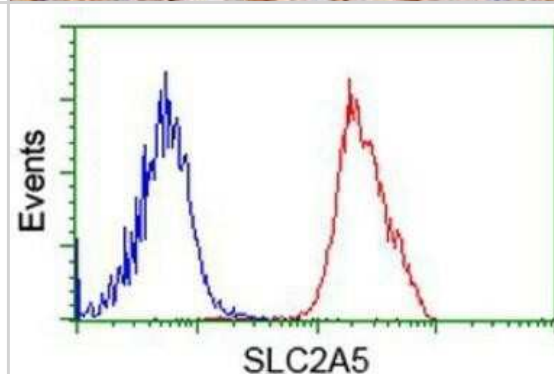
Western Blot: Glut5 Antibody (OTI9F3) [NBP1-47980] - Analysis of extracts (35ug) from 9 different cell lines by using anti- GLUT5 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



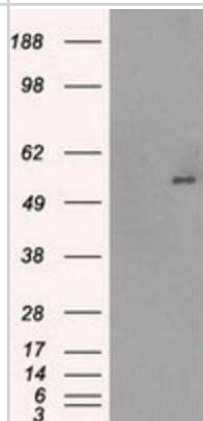
Immunohistochemistry-Paraffin: Glut5 Antibody (OTI9F3) [NBP1-47980]
 - Human adult kidney tissue section stained with Glut5 antibody at 1:200.
 Secondary antibody at 1:300. IHC-P image submitted by a verified customer review.



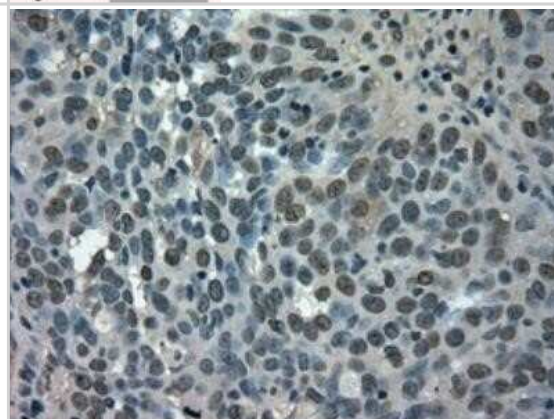
Flow Cytometry: Glut5 Antibody (OTI9F3) [NBP1-47980] - Analysis of Jurkat cells, using anti-GLUT5 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



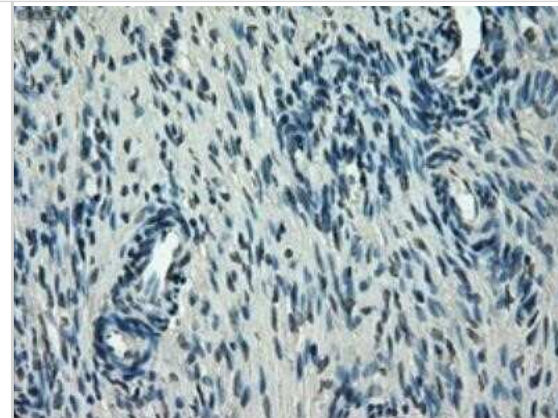
Western Blot: Glut5 Antibody (OTI9F3) [NBP1-47980] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY GLUT5 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti- GLUT5.



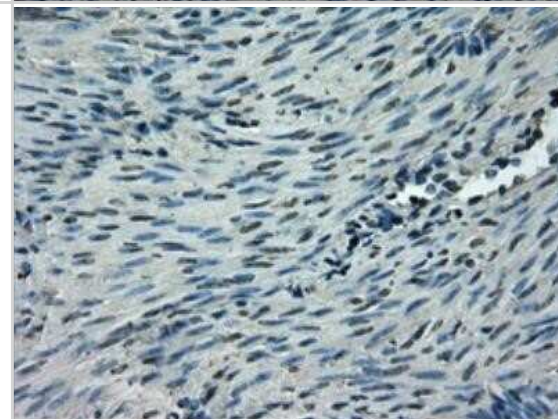
Immunohistochemistry-Paraffin: Glut5 Antibody (OTI9F3) [NBP1-47980]
 - Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-Glut5 mouse monoclonal antibody.
 (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100C for 10min, NBP1-47980) Image using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



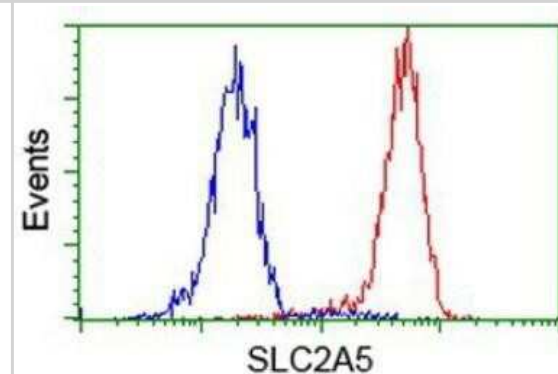
Immunohistochemistry-Paraffin: Glut5 Antibody (OTI9F3) [NBP1-47980]
 - Immunohistochemical staining of paraffin-embedded Human Ovary tissue within the normal limits using anti-Glut5 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100C for 10min, NBP1-47980) Image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



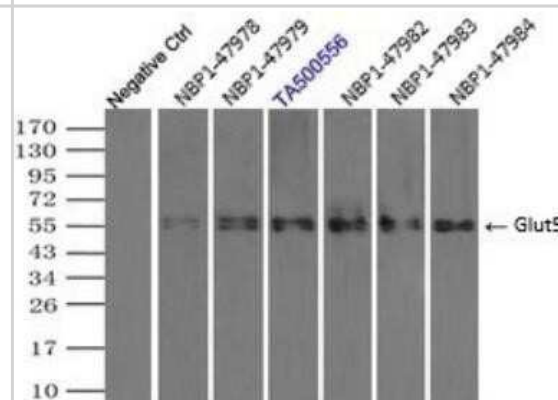
Immunohistochemistry-Paraffin: Glut5 Antibody (OTI9F3) [NBP1-47980]
 - Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-Glut5 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100C for 10min, NBP1-47980)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

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)
NBP3-17017PEP	Glut5 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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