

Product Datasheet

Glut1 Antibody (GLUT1/2476)

NBP2-75785-100ug

Unit Size: 100 ug

Store at 4C.

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NBP2-75785-100ug

Glut1 Antibody (GLUT1/2476)

Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	GLUT1/2476
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	55 kDa

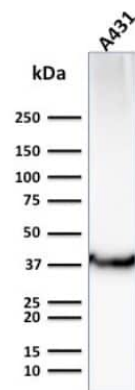
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-75787) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	6513
Gene Symbol	SLC2A1
Species	Human
Marker	Tumor Progression and Mesothelioma Marker
Immunogen	Recombinant fragment of human Glut1 protein (around aa 203-305) (exact sequence is proprietary) (Uniprot: P11166)

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array
Recommended Dilutions	Western Blot 1-2 ug/ml, Flow Cytometry 1-2 ug/million cells, ELISA 1-2 ug/ml, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml, Protein Array
Application Notes	ELISA: For coating use Ab at 1-2ug/ml, order Ab without BSA. Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

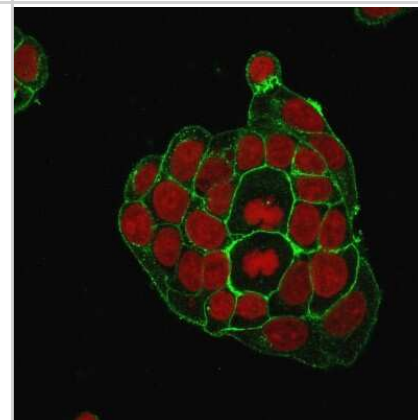


Images

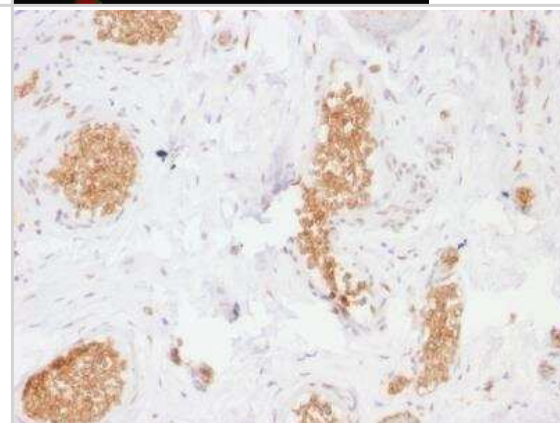
Western Blot: Glut1 Antibody (GLUT1/2476) [NBP2-75785] - Western Blot Analysis of Human A431 cell lysate using Glut1 Antibody (GLUT1/2476).



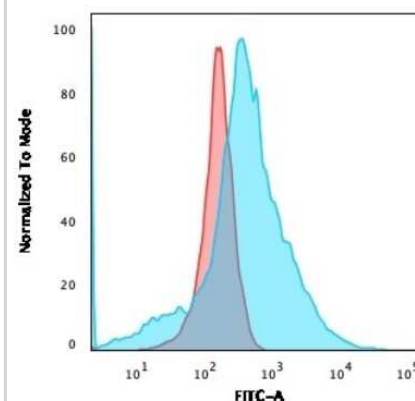
Immunocytochemistry/Immunofluorescence: Glut1 Antibody (GLUT1/2476) [NBP2-75785] - Immunofluorescence staining of MCF-7 cells using Glut1 Antibody (GLUT1/2476) followed by goat anti-Mouse IgG conjugated to CF488 (green). Nuclei are stained with Red Dot.



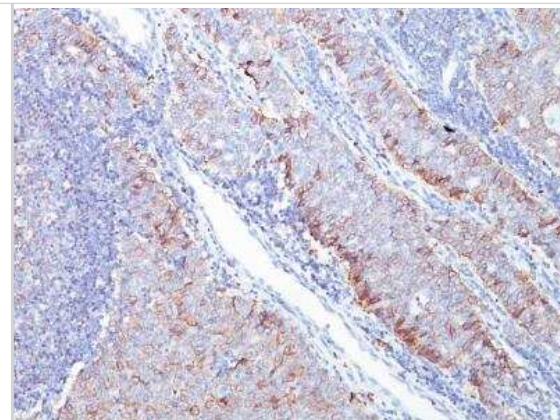
Immunohistochemistry-Paraffin: Glut1 Antibody (GLUT1/2476) [NBP2-75785] - Immunohistochemical analysis of formalin-fixed, paraffin-embedded human bladder stained with GLUT-1 Mouse Monoclonal Antibody (GLUT1/2476).



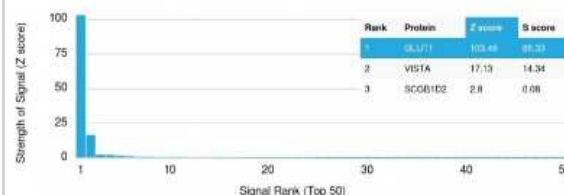
Flow Cytometry: Glut1 Antibody (GLUT1/2476) [NBP2-75785] - Flow Cytometric Analysis of K562 cells using Glut1 Antibody (GLUT1/2476) followed by goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).



Immunohistochemistry-Paraffin: Glut1 Antibody (GLUT1/2476) [NBP2-75785] - Immunohistochemical analysis of formalin-fixed, paraffin-embedded human breast carcinoma stained with GLUT-1 Mouse Monoclonal Antibody (GLUT1/2476).



Protein Array: Glut1 Antibody (GLUT1/2476) [NBP2-75785] - Analysis of Protein Array containing more than 19,000 full-length human proteins using Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SDs) above the mean value of all signals generated on that array. If targets on HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SDs) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5.



Publications

Hegazy M, Koetsier JL, Huffine AL et al. Epidermal stratification requires retromer-mediated desmoglein-1 recycling
Developmental cell 2022-12-19 [PMID: 36495876]



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Products Related to NBP2-75785-100ug

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NB110-39113PEP	Glut1 Antibody Blocking Peptide

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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