

# Product Datasheet

## Glut1 Antibody [PE/Cy7] NB110-39113PECY7

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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**NB110-39113PECY7**

Glut1 Antibody [PE/Cy7]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark. Do not freeze.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Conjugate</b>	PE/Cy7
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	54.1 kDa
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	6513
<b>Gene Symbol</b>	SLC2A1
<b>Species</b>	Human, Mouse, Rat, Rabbit
<b>Reactivity Notes</b>	Rabbit reactivity reported in scientific literature (PMID: 29456650). 100% sequence identity with primate, 93% sequence identity with bovine.
<b>Marker</b>	Plasma Membrane Marker
<b>Immunogen</b>	This Glut1 antibody is made against a synthetic peptide made to an N-terminal region of the human GLUT1 protein (between residues 1-100). [Swiss-Prot# P11166]. The immunogen is cytosolic.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Chromatin Immunoprecipitation, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, In vitro assay, Chromatin Immunoprecipitation (ChIP)
<b>Recommended Dilutions</b>	Western Blot, Chromatin Immunoprecipitation, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, In vitro assay, Flow (Intracellular), Chromatin Immunoprecipitation (ChIP)
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.

## Images

Product Image: Glut1 Antibody [PE/Cy7] [NB110-39113PECY7] - Vial of PE/Cy7 conjugated antibody. PE/Cy7 has two excitation maxima, 489 nm excited by the Blue laser (488 nm) and 566 nm excited by the Yellow-Green laser (561 nm). Both result in emission at 782 nm.



## Publications

Menzel M, Mraz V, Vaher H et al. Metabolic re-programming of keratinocytes in response to contact allergens Contact dermatitis 2023-11-20 [PMID: 37985405] (FLOW, Human)

Helou DG, Shafiei-Jahani P, Lo R et al. PD-1 pathway regulates ILC2 metabolism and PD-1 agonist treatment ameliorates airway hyperreactivity Nat Commun 2020-08-10 [PMID: 32778730] (Mouse)

### Details:

Citation using the PE format of this antibody.

Galle-Treger L, Hurrell BP, Lewis G Autophagy is critical for group 2 innate lymphoid cell metabolic homeostasis and effector function J Allergy Clin Immunol. [PMID: 31738991] (FLOW, Mouse)



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### **Products Related to NB110-39113PECY7**

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NBP2-36463PECY7	Rabbit IgG Isotype Control [PE/Cy7]
NB110-39113PEP	Glut1 Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]
NBP2-10406	Glut1 Overexpression Lysate

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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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