

# 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]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark. Do not freeze.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	PE/Cy7
Purity	Immunogen affinity purified
Buffer	PBS
Target Molecular Weight	54.1 kDa
Product Description	
Host	Rabbit
Gene ID	6513
Gene Symbol	SLC2A1
Species	Human, Mouse, Rat, Rabbit
Reactivity Notes	Rabbit reactivity reported in scientific literature (PMID: 29456650). 100% sequence identity with primate, 93% sequence identity with bovine.
Marker	Plasma Membrane Marker
Immunogen	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].
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Chromatin Immunoprecipitation, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, In vitro assay, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot, Chromatin Immunoprecipitation, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, In vitro assay, Flow (Intracellular), Chromatin Immunoprecipitation (ChIP)
Application Notes	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]
NBP3-49748	Mouse Glut1 ELISA Kit (Colorimetric)

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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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