

Product Datasheet

Glut1 Antibody [Alexa Fluor® 488] NB110-39113AF488

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB110-39113AF488

Glut1 Antibody [Alexa Fluor® 488]

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.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Alexa Fluor 488
Purity	Immunogen affinity purified
Buffer	50 mM Sodium Borate
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]. The immunogen is cytosolic.
Notes	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

Product Application Details	
Applications	Western Blot, Chromatin Immunoprecipitation, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, 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.

Publications

Trompette A, Gollwitzer ES, Pattaroni C et al. Dietary Fiber Confers Protection against Flu by Shaping Ly6c-Patrolling Monocyte Hematopoiesis and CD8+ T Cell Metabolism Immunity 2018-05-15 [PMID: 29768180]

Thwe P, Pelgrom L, Cooper R et al. Cell-Intrinsic Glycogen Metabolism Supports Early Glycolytic Reprogramming Required for Dendritic Cell Immune Responses. Cell Metab 2017 Sep 05 [PMID: 28877459] (FLOW, Mouse). 2017-09-05 [PMID: 28877459] (FLOW, Mouse)

Details:

This citation used the Alexa Fluor 488 form of this antibody





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Products Related to NB110-39113AF488

NBP2-24982	Rabbit IgG Isotype Control [Alexa Fluor® 488]
NB110-39113AF647	Glut1 Antibody [Alexa Fluor® 647]
NB110-39113PEP	Glut1 Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]

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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