

# Product Datasheet

## SLC7A5/LAT1 Antibody (BU53) [Alexa Fluor® 647] NBP2-50465AF647

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-50465AF647**

SLC7A5/LAT1 Antibody (BU53) [Alexa Fluor® 647]

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	Monoclonal
Clone	BU53
Preservative	0.05% Sodium Azide
Isotype	IgG2a
Conjugate	Alexa Fluor 647
Purity	Protein G purified
Buffer	50mM Sodium Borate

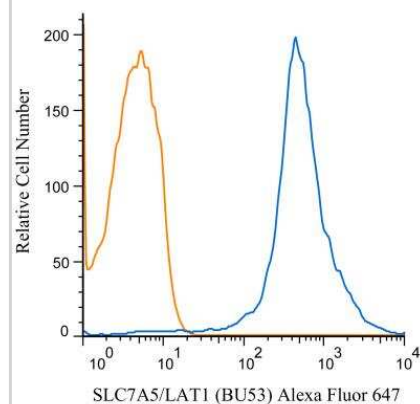
Product Description	
Host	Mouse
Gene ID	8140
Gene Symbol	SLC7A5
Species	Human
Immunogen	Plasma cell line 8226
Notes	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right 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 <a href="mailto:outlicensing@lifetech.com">outlicensing@lifetech.com</a> . 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	Flow Cytometry, Flow (Cell Surface), Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, Flow (Cell Surface), CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.



## Images

Flow (Cell Surface): SLC7A5/LAT1 Antibody (BU53) [Alexa Fluor 647] [NBP2-50465AF647] - A cell surface stain was performed on Raji cells with SLC7A5 (BU53) antibody NBP2-50465AF647 (blue) along with a matched isotype control NB600-986AF647 (orange). Cells were incubated in an antibody dilution of 1 ug/mL for 20 minutes at RT. Both antibodies were conjugated to Alexa Fluor 647.



## Publications

Tan SY, Kelkar Y, Hadjipanayis A et al. Metformin and 2-Deoxyglucose Collaboratively Suppress Human CD4+ T Cell Effector Functions and Activation-Induced Metabolic Reprogramming J. Immunol. 2020-07-08 [PMID: 32641388] (Human)

### Details:

Citation using the Alexa Fluor 647 format of this antibody.



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### **Products Related to NBP2-50465AF647**

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IC003R	Mouse IgG2a Isotype Control (20102) [Alexa Fluor® 647]
NBP2-33662PEP	SLC7A5/LAT1 Recombinant Protein Antigen
DVE00	VEGF [HRP]
NBP3-39765	Human SLC7A5/LAT1 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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