

# Product Datasheet

## SR-BI Antibody [Alexa Fluor® 647] NB400-104AF647

Unit Size: 0.1 ml

Store at 4C in the dark.

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### Publications: 2

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**NB400-104AF647**

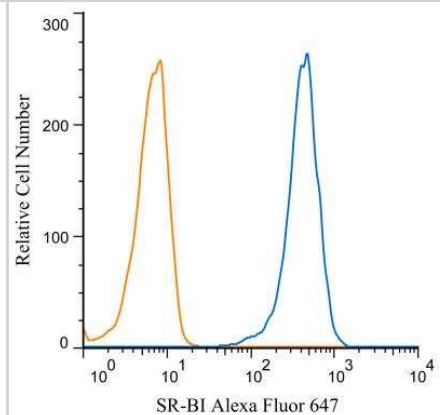
SR-BI Antibody [Alexa Fluor® 647]

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	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Alexa Fluor 647
Purity	Immunogen affinity purified
Buffer	50mM Sodium Borate
Product Description	
Host	Rabbit
Gene ID	949
Gene Symbol	SCARB1
Species	Human, Mouse, Rat, Porcine, Chinese Hamster, Hamster, Mustelid, Primate, Rabbit, Golden Syrian Hamster
Reactivity Notes	Use in Mouse reported in scientific literature (PMID:33719499).
Immunogen	A C-terminal peptide containing residues from mouse SR-BI (within residues 450-509). [UniProt Q61009]
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	Western Blot, Simple Western, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Proximity Ligation Assay, Block/Neutralize, Knockdown Validated, Knockout Validated
Recommended Dilutions	Western Blot, Simple Western, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Proximity Ligation Assay, Knockout Validated, Knockdown Validated, Block/Neutralize
Application Notes	Optimal dilution of this antibody should be experimentally determined.



## Images

Flow Cytometry: SR-BI Antibody [Alexa Fluor (R) 647] [NB400-104AF647] - An intracellular stain was performed on HeLa cells with SR-BI antibody NB400-104AF647 (blue) and a matched isotype control NBP2-24893AF647 (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 647.



## Publications

Wang J, Zheng C, Zhai Y, et al. High-density lipoprotein modulates tumor-associated macrophage for chemoimmunotherapy of hepatocellular carcinoma Nano Today 2021-04-01

Rink JS, Yang S, Cen O et al. Rational Targeting of Cellular Cholesterol in Diffuse Large B-Cell Lymphoma (DLBCL) Enabled by Functional Lipoprotein Nanoparticles: A Therapeutic Strategy Dependent on Cell of Origin. Mol Pharm. 2017-09-21 [PMID: 28933554] (FLOW)

### Details:

This citation used the Alexa Fluor 647 form of this antibody.



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### **Products Related to NB400-104AF647**

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NBP2-24891AF647	Rabbit IgG Isotype Control [Alexa Fluor® 647]
NB400-104AF700	SR-BI Antibody [Alexa Fluor® 700]
NB400-101PEP	SR-BI Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]

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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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