Product Datasheet

TGN46 Antibody [Alexa Fluor® 647] NBP1-49643AF647

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP1-49643AF647

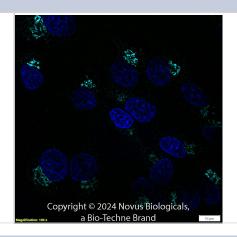
TGN46 Antibody [Alexa Fluor® 647]

TGN46 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	10618
Gene Symbol	TGOLN2
Species	Human, Bovine, Monkey
Reactivity Notes	Monkey reactivity reported in scientific literature (PMID: 30135710). Bovine reactivity reported in scientific literature (PMID: 30135710).
Marker	TGN Marker
Immunogen	Partial recombinant protein made to an internal region of the human TGN46 protein (within residues 200-350). [Swiss-Prot: O43493]
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, Flow Cytometry, Flow (Intracellular), Immunoblotting, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockout Validated
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunoblotting, Flow (Intracellular), Knockout Validated
Application Notes	Optimal dilution of this antibody should be experimentally determined.



Images

TGN46 was detected in immersion fixed HepG2 human hepatocellular carcinoma cell line using Rabbit anti-TGN46 Affinity Purified Polyclonal Antibody conjugated to Alexa Fluor® 647 (Catalog # NBP1-49643AF647) (light blue) at 2 μ g/mL overnight at 4C. Cells were counterstained with DAPI (dark blue). Cells were imaged using a 100X objective and digitally deconvolved.



Publications

Steimle BL, Bailey DK, Smith FM Et al. Calcium and the Ca-ATPase SPCA1 modulate plasma membrane abundance of ZIP8 and ZIP14 to regulate Mn(II) uptake in brain microvascular endothelial cells J Biol Chem 2022-07-05 [PMID: 35787370] (ICC/IF, Human)

Details:

Citation using the Alexa Fluor 647 version of this antibody.





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Products Related to NBP1-49643AF647

NBP2-24891AF647 Rabbit IgG Isotype Control [Alexa Fluor® 647]

NBP1-49643AF700 TGN46 Antibody [Alexa Fluor® 700]

H00010618-Q01-10ug Recombinant Human TGN46 GST (N-Term) Protein

2914-HT-100MG Holo-Transferrin [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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