

Product Datasheet

TGN38 Antibody NBP1-20263-0.025ml

Unit Size: 0.025 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

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Updated 9/9/2025 v.20.1

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NBP1-20263-0.025ml

TGN38 Antibody

Product Information	
Unit Size	0.025 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute in 0.1 ml of sterile water. Centrifuge to remove any insoluble material. Glycerol may be added (1:1) for additional stability. Please note the sample size is provided in reconstituted format.
Isotype	IgG
Purity	Unpurified
Buffer	Lyophilized from whole antisera

Product Description	
Description	Novus Biologicals Sheep TGN38 Antibody (NBP1-20263) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-TGN38 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Sheep
Gene ID	10618
Gene Symbol	TGOLN2
Species	Human, Mouse, Rat, Primate
Reactivity Notes	Marmoset (100%).
Marker	TGN Marker
Specificity/Sensitivity	TGN38 (or TGN46, TGN48, TGN51 in human).
Immunogen	A synthetic peptide from mouse TGN38 conjugated to blue carrier protein was used as the antigen.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:1000, Immunocytochemistry/ Immunofluorescence
Application Notes	Use in ICC/IF reported in scientific literature (PMID: 25278553).



Publications

- Andreeva L, David L, Rawson S et al. NLRP3 cages revealed by full-length mouse NLRP3 structure control pathway activation *Cell* 2021-12-22 [PMID: 34861190]
- DiCello J J, Saito A et al. Inflammation-associated changes in DOR expression and function in the mouse colon. *Am J Physiol Gastrointest Liver Physiol* 2018-01-10 [PMID: 29927325] (IF/IHC, Mouse)
- Cornejo VH, Gonzalez C, Campos M et al. Non-conventional Axonal Organelles Control TRPM8 Ion Channel Trafficking and Peripheral Cold Sensing *Cell Rep* 2020-03-31 [PMID: 32234483] (ICC/IF, Mouse)
- Anitei M, Chenna R, Czupalla C et al. A high throughput siRNA screen identifies genes that regulate mannose 6-phosphate receptor trafficking. *J. Cell. Sci.* 2014-10-02 [PMID: 25278553] (ICC/IF, Human)

Details:

TGN38 antibody used for ICC-IF on HeLa cells stably expressing a chimeric protein comprising the GFP fused to the transmembrane and cytoplasmic domain of the cation-independent mannose 6-phosphate receptor /GFP-MPR.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-20263-0.025ml

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF016	Donkey anti-Sheep IgG Secondary Antibody [HRP]
NL010	Donkey anti-Sheep IgG Secondary Antibody [NL557]
NBP1-97055-10mg	Sheep IgG Isotype Control

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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