

Product Datasheet

CD277/BTN3A1 Antibody - BSA Free NBP1-90750

Unit Size: 0.1 ml

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

www.novusbio.com



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NBP1-90750

CD277/BTN3A1 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

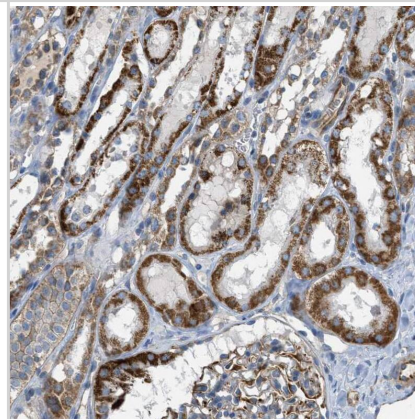
Product Description	
Host	Rabbit
Gene ID	11119
Gene Symbol	BTN3A1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: KREQELREMAWSTMKQEQSTRVKLLEELRWRSIQYASRGERHSAYNEWKKA LFKPADVILDPKTANPILL

Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Simple Western 1:200, Immunohistochemistry 1:20 - 1:50, Immunohistochemistry-Paraffin 1:20-1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. See Simple Western Antibody Database for Simple Western validation: separated by Size, antibody dilution of 1:200

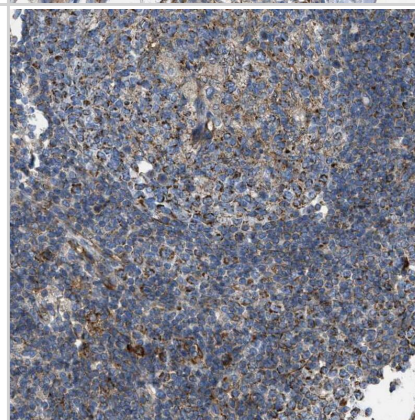


Images

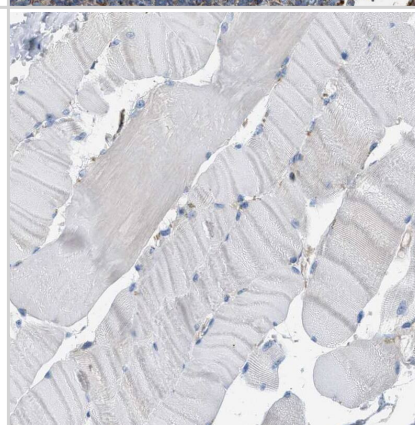
Staining of human kidney shows strong granular cytoplasmic positivity in cells in tubules.



Staining of human lymph node shows strong membranous positivity in non-germinal center and germinal center cells.



Staining of human skeletal muscle shows no positivity in myocytes as expected.



Publications

Fischer K, Bradlerova M, Decker T, Supper V V?9+V?2+?T cell control of *Listeria monocytogenes* growth in infected epithelial cells requires butyrophilin 3A genes *Scientific reports* 2023-10-30 [PMID: 37903831] (WB, Human)

Benelli R, Costa D, Salvini L et al. Targeting of colorectal cancer organoids with zoledronic acid conjugated to the anti-EGFR antibody cetuximab *Journal for immunotherapy of cancer* 2022-12-01 [PMID: 36543375] (WB, IHC-P, Human)

Details:

Dilution used in WB 1:500

Zocchi MR, Costa D, Vene R et al. Zoledronate can induce colorectal cancer microenvironment expressing BTN3A1 to stimulate effector gammadelta T cells with antitumor activity. *Oncoimmunology*. 2017-01-06 [PMID: 28405500] (WB, Human)

Details:

This citation used the HRP form of this antibody



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 NBP1-90750

NBP1-90750PEP	CD277/BTN3A1 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit 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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