

Product Datasheet

BTN2A2/Butyrophilin 2 Antibody (4B11C8) - BSA Free NBP2-61718

Unit Size: 0.1 ml

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

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Publications: 1

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NBP2-61718

BTN2A2/Butyrophilin 2 Antibody (4B11C8) - BSA Free

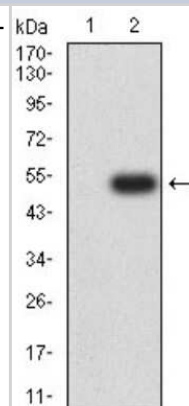
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4B11C8
Preservative	0.05% Sodium Azide
Isotype	IgG2a
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	59 kDa

Product Description	
Description	Novus Biologicals Mouse BTN2A2/Butyrophilin 2 Antibody (4B11C8) - BSA Free (NBP2-61718) is a monoclonal antibody validated for use in WB, ELISA, Flow and ICC/IF. Anti-BTN2A2/Butyrophilin 2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	10385
Gene Symbol	BTN2A2
Species	Human
Immunogen	Purified recombinant fragment of human BTN2A2/Butyrophilin 2 (AA: extra 57-237) expressed in E. Coli.

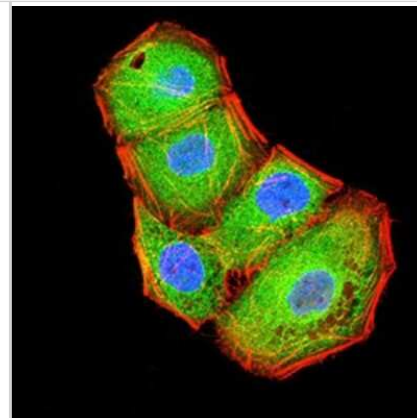
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:200-1:400, ELISA 1:10000, Immunocytochemistry/ Immunofluorescence 1:200-1:1000

Images

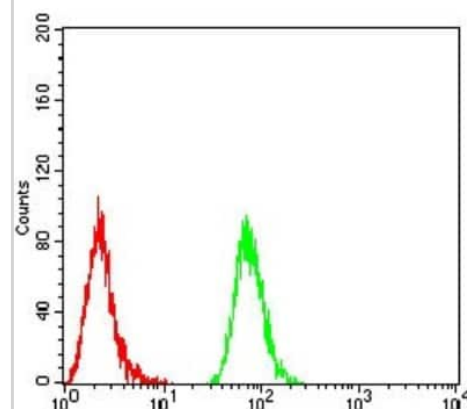
Western Blot: BTN2A2/Butyrophilin 2 Antibody (4B11C8) [NBP2-61718] - Analysis using BTN2A2 mAb against HEK293 (1) and BTN2A2 (AA: extra 57-237)-hlgGfc transfected HEK293 (2) cell lysate.



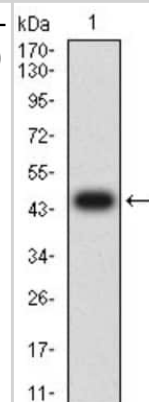
Immunocytochemistry/Immunofluorescence: BTN2A2/Butyrophilin 2 Antibody (4B11C8) [NBP2-61718] - Analysis of Hela cells using BTN2A2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Goat anti-Mouse IgG (H+L) DyLight 488 secondary antibody was used.



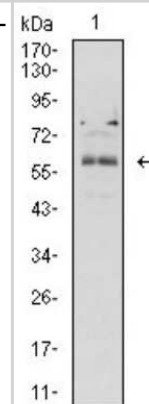
Flow Cytometry: BTN2A2/Butyrophilin 2 Antibody (4B11C8) [NBP2-61718] - Analysis of Hela cells using BTN2A2 mouse mAb (green) and negative control (red).



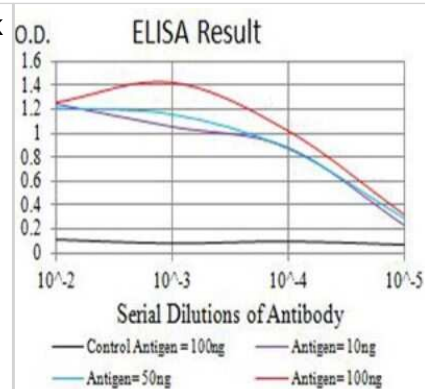
Western Blot: BTN2A2/Butyrophilin 2 Antibody (4B11C8) [NBP2-61718] - Analysis using BTN2A2 mAb against human BTN2A2 (AA: extra 57-237) recombinant protein. (Expected MW is 46.4 kDa)



Western Blot: BTN2A2/Butyrophilin 2 Antibody (4B11C8) [NBP2-61718] - Analysis using BTN2A2 mouse mAb against K562 (1) cell lysate.



ELISA: BTN2A2/Butyrophilin 2 Antibody (4B11C8) [NBP2-61718] - Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Publications

Frech M, Danzer H, Uchil P et al. Butyrophilin 2a2 (Btn2a2) expression on thymic epithelial cells promotes central T cell tolerance and prevents autoimmune disease Journal of autoimmunity 2023-06-23 [PMID: 37356345] (FLOW, Human)



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 NBP2-61718

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP2-14367PEP	BTN2A2/Butyrophilin 2 Recombinant Protein Antigen

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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