

Product Datasheet

BTN1A1/Butyrophilin Antibody (OTI7B5) - Azide and BSA Free **NBP2-70299**

Unit Size: 100 ug

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-70299

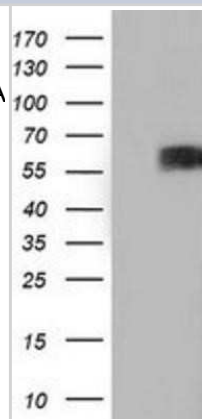
BTN1A1/Butyrophilin Antibody (OTI7B5) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI7B5
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
Isotype	IgG2a
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	58.8 kDa
Product Description	
Description	Novus Biologicals Mouse BTN1A1/Butyrophilin Antibody (OTI7B5) - Azide and BSA Free (NBP2-02864) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	696
Gene Symbol	BTN1A1
Species	Human, Canine
Immunogen	Full length human recombinant protein of human BTN1A1 (NP_001723) produced in HEK293T cell.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot 1:200-500, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin, CyTOF-ready

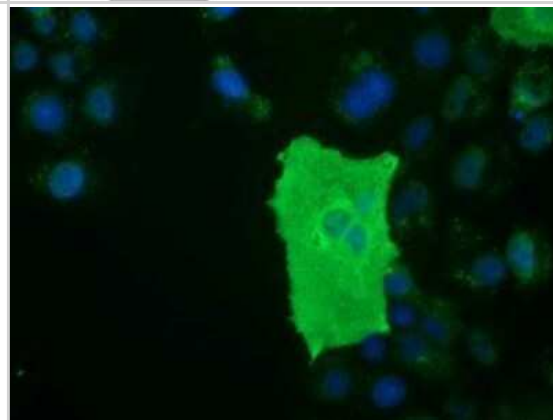


Images

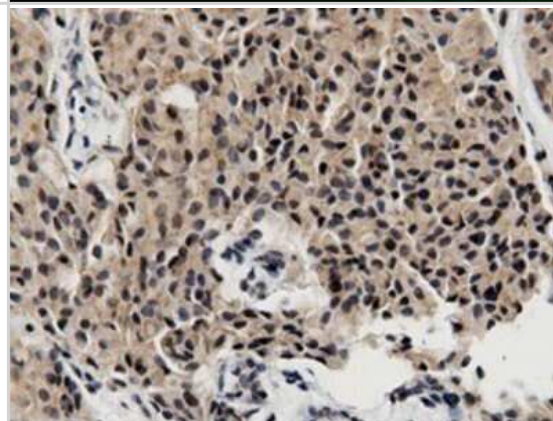
Western Blot: BTN1A1/Butyrophilin Antibody (OTI7B5) - Azide and BSA Free [NBP2-70299] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY BTN1A1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-BTN1A1.



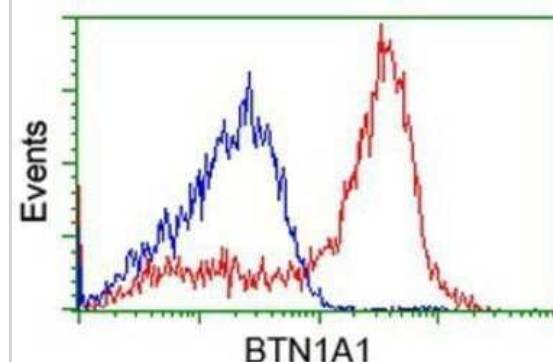
Immunocytochemistry/Immunofluorescence: BTN1A1/Butyrophilin Antibody (OTI7B5) - Azide and BSA Free [NBP2-70299] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY BTN1A1.



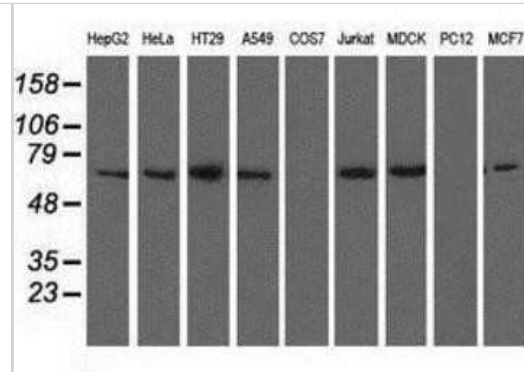
Immunohistochemistry: BTN1A1/Butyrophilin Antibody (OTI7B5) - Azide and BSA Free [NBP2-70299] - Staining of paraffin-embedded Human colon tissue using anti-BTN1A1 mouse monoclonal antibody.



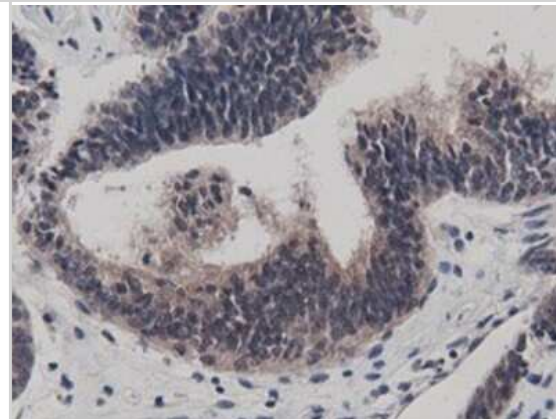
Flow Cytometry: BTN1A1/Butyrophilin Antibody (OTI7B5) - Azide and BSA Free [NBP2-70299] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostaining by anti-BTN1A1 antibody, and then analyzed by flow cytometry.



Western Blot: BTN1A1/Butyrophilin Antibody (OTI7B5) - Azide and BSA Free [NBP2-70299] - Analysis of extracts (35ug) from 9 different cell lines by using anti-BTN1A1 monoclonal antibody.



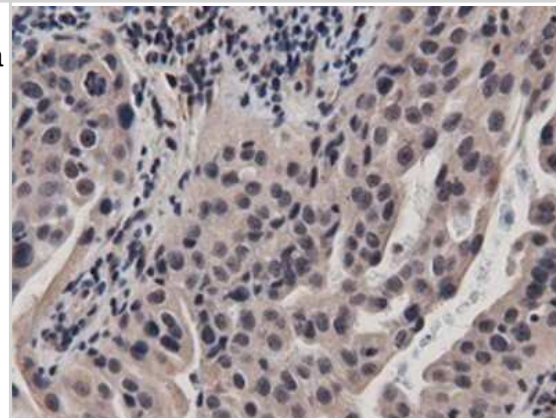
Immunohistochemistry: BTN1A1/Butyrophilin Antibody (OTI7B5) - Azide and BSA Free [NBP2-70299] - Staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-BTN1A1 mouse monoclonal antibody.



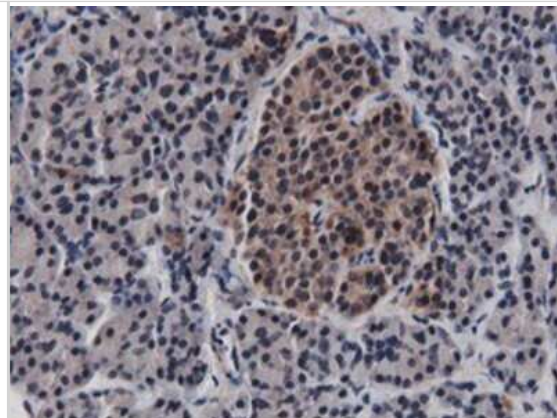
Immunohistochemistry: BTN1A1/Butyrophilin Antibody (OTI7B5) - Azide and BSA Free [NBP2-70299] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-BTN1A1 mouse monoclonal antibody.



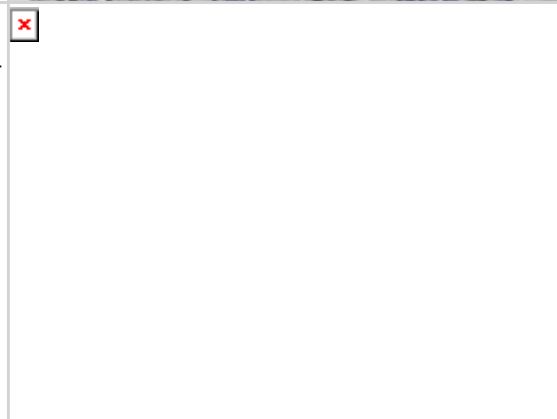
Immunohistochemistry: BTN1A1/Butyrophilin Antibody (OTI7B5) - Azide and BSA Free [NBP2-70299] - Staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-BTN1A1 mouse monoclonal antibody.



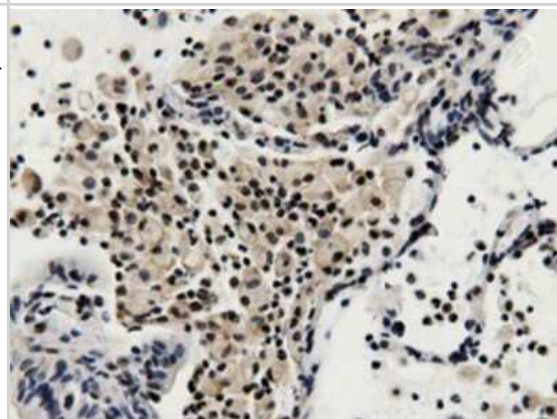
Immunohistochemistry: BTN1A1/Butyrophilin Antibody (OTI7B5) - Azide and BSA Free [NBP2-70299] - Staining of paraffin-embedded Human pancreas tissue using anti-BTN1A1 mouse monoclonal antibody.



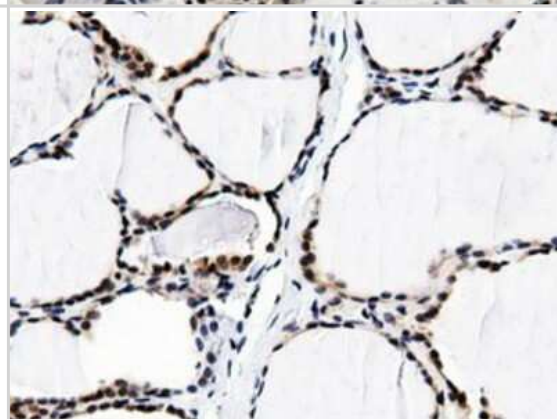
Immunohistochemistry: BTN1A1/Butyrophilin Antibody (OTI7B5) - Azide and BSA Free [NBP2-70299] - Staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-BTN1A1 mouse monoclonal antibody.



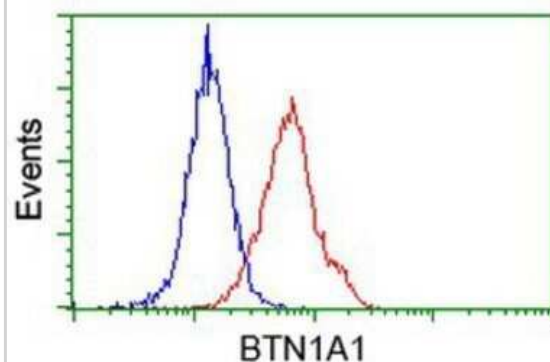
Immunohistochemistry: BTN1A1/Butyrophilin Antibody (OTI7B5) - Azide and BSA Free [NBP2-70299] - Staining of paraffin-embedded Carcinoma of Human lung tissue using anti-BTN1A1 mouse monoclonal antibody.



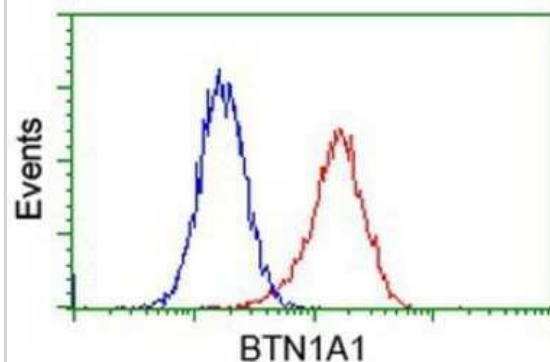
Immunohistochemistry: BTN1A1/Butyrophilin Antibody (OTI7B5) - Azide and BSA Free [NBP2-70299] - Staining of paraffin-embedded Human thyroid tissue using anti-BTN1A1 mouse monoclonal antibody.



Flow Cytometry: BTN1A1/Butyrophilin Antibody (OTI7B5) - Azide and BSA Free [NBP2-70299] - Analysis of Hela cells, using anti-BTN1A1 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Flow Cytometry: BTN1A1/Butyrophilin Antibody (OTI7B5) - Azide and BSA Free [NBP2-70299] - Analysis of Jurkat cells, using anti-BTN1A1 antibody, (Red), compared to a nonspecific negative control antibody (Blue).





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Products Related to NBP2-70299

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)
210-TA-005	TNF-alpha [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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