

# Product Datasheet

## BTN1A1/Butyrophilin Antibody (OTI7B5) NBP2-02864

Unit Size: 0.1 ml

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

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**NBP2-02864****BTN1A1/Butyrophilin Antibody (OTI7B5)**

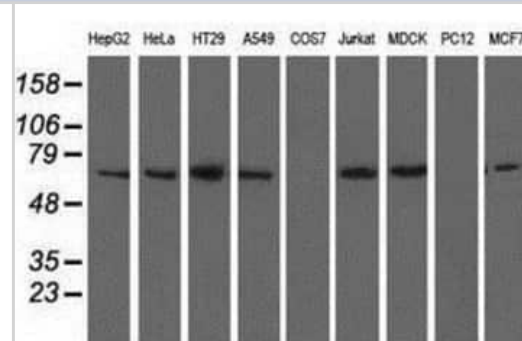
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	0.58 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	OTI7B5
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
<b>Target Molecular Weight</b>	58.8 kDa

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse BTN1A1/Butyrophilin Antibody (OTI7B5) (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.
<b>Host</b>	Mouse
<b>Gene ID</b>	696
<b>Gene Symbol</b>	BTN1A1
<b>Species</b>	Human, Canine
<b>Immunogen</b>	Full length human recombinant protein of human BTN1A1 (NP_001723) produced in HEK293T cell.

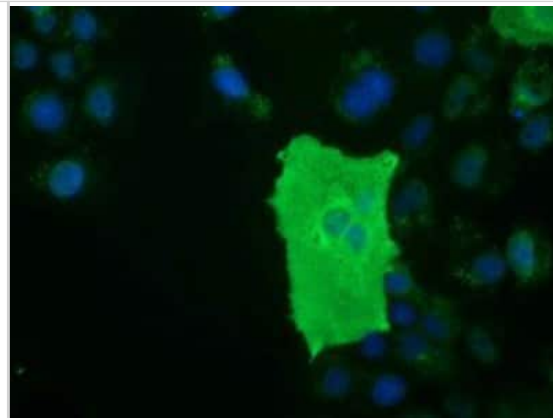
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:200-500, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150

**Images**

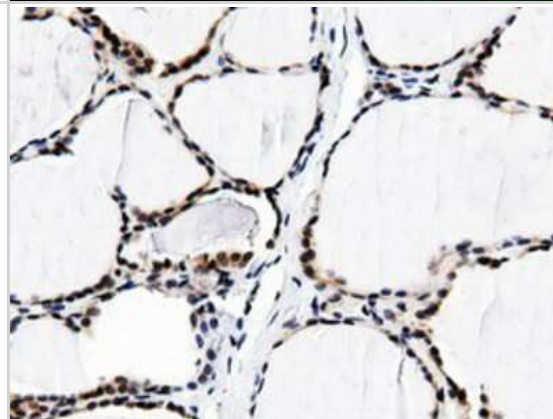
Western Blot: BTN1A1/Butyrophilin Antibody (OTI7B5) [NBP2-02864] - Analysis of extracts (35ug) from 9 different cell lines by using anti-BTN1A1 monoclonal antibody.



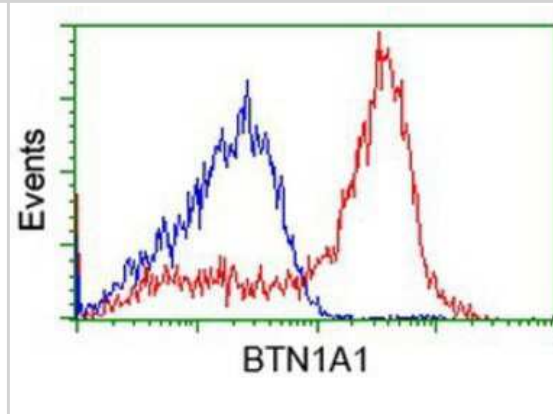
Immunocytochemistry/Immunofluorescence: BTN1A1/Butyrophilin Antibody (OTI7B5) [NBP2-02864] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY BTN1A1.



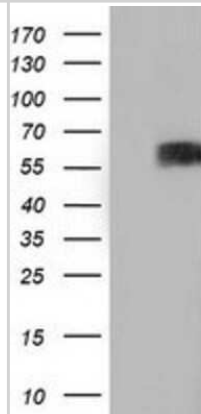
Immunohistochemistry-Paraffin: BTN1A1/Butyrophilin Antibody (OTI7B5) [NBP2-02864] - Staining of paraffin-embedded Human thyroid tissue using anti-BTN1A1 mouse monoclonal antibody.



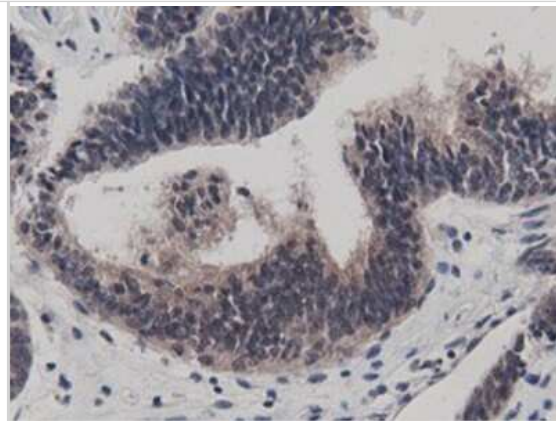
Flow Cytometry: BTN1A1/Butyrophilin Antibody (OTI7B5) [NBP2-02864] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-BTN1A1 antibody, and then analyzed by flow cytometry.



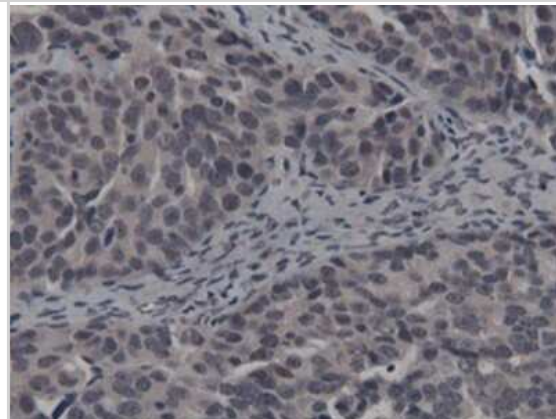
Western Blot: BTN1A1/Butyrophilin Antibody (OTI7B5) [NBP2-02864] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY BTN1A1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-BTN1A1.



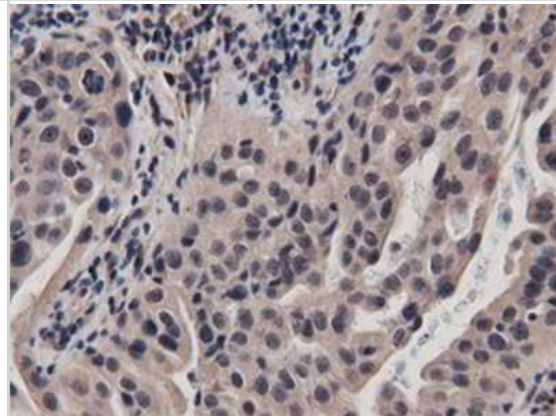
Immunohistochemistry-Paraffin: BTN1A1/Butyrophilin Antibody (OTI7B5) [NBP2-02864] - Staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-BTN1A1 mouse monoclonal antibody.



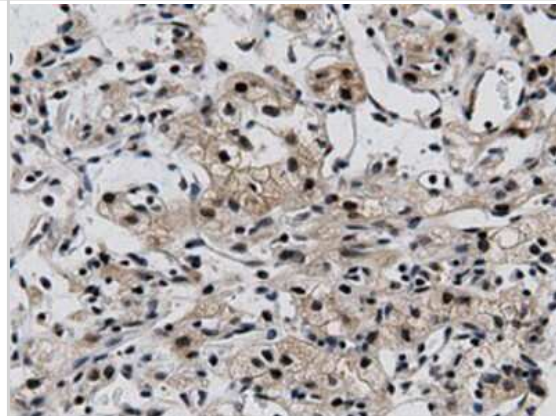
Immunohistochemistry-Paraffin: BTN1A1/Butyrophilin Antibody (OTI7B5) [NBP2-02864] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-BTN1A1 mouse monoclonal antibody.



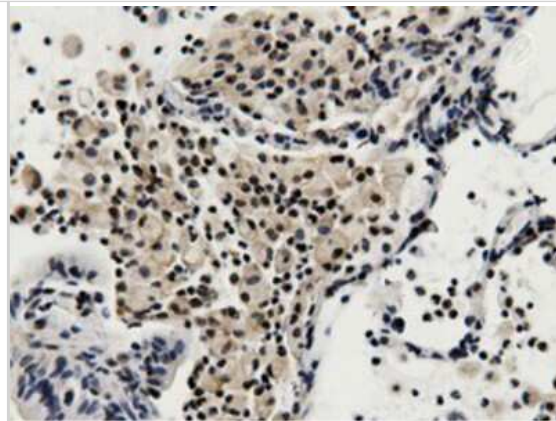
Immunohistochemistry-Paraffin: BTN1A1/Butyrophilin Antibody (OTI7B5) [NBP2-02864] - Staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-BTN1A1 mouse monoclonal antibody.



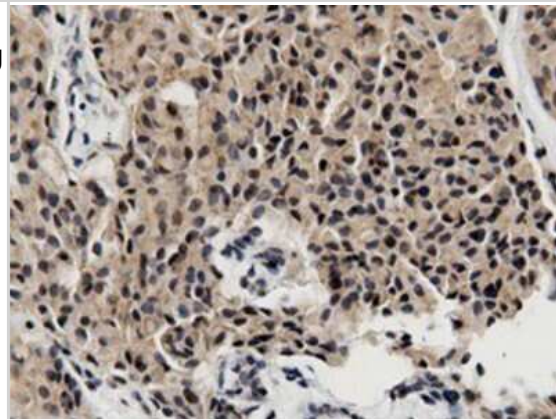
Immunohistochemistry-Paraffin: BTN1A1/Butyrophilin Antibody (OTI7B5) [NBP2-02864] - Staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-BTN1A1 mouse monoclonal antibody.



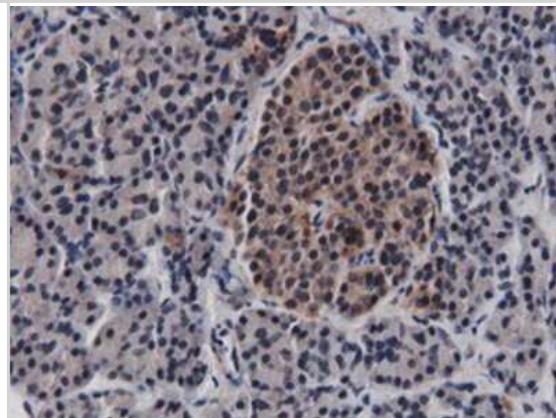
Immunohistochemistry-Paraffin: BTN1A1/Butyrophilin Antibody (OTI7B5) [NBP2-02864] - Staining of paraffin-embedded Carcinoma of Human lung tissue using anti-BTN1A1 mouse monoclonal antibody.



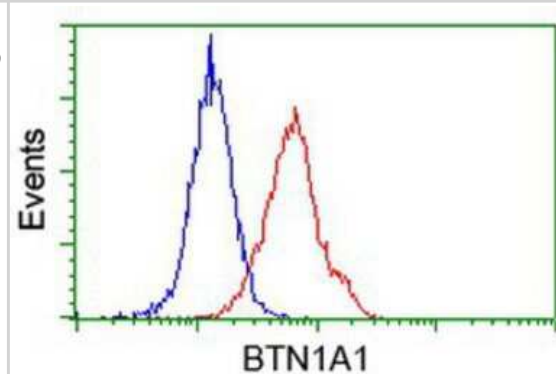
Immunohistochemistry-Paraffin: BTN1A1/Butyrophilin Antibody (OTI7B5) [NBP2-02864] - Staining of paraffin-embedded Human colon tissue using anti-BTN1A1 mouse monoclonal antibody.



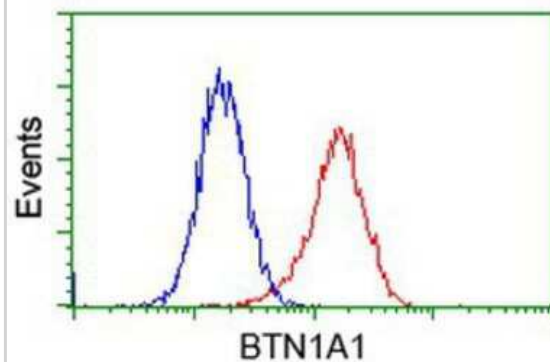
Immunohistochemistry-Paraffin: BTN1A1/Butyrophilin Antibody (OTI7B5) [NBP2-02864] - Staining of paraffin-embedded Human pancreas tissue using anti-BTN1A1 mouse monoclonal antibody.



Flow Cytometry: BTN1A1/Butyrophilin Antibody (OTI7B5) [NBP2-02864] - Analysis of HeLa cells, using anti-BTN1A1 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Flow Cytometry: BTN1A1/Butyrophilin Antibody (OT17B5) [NBP2-02864]  
- Analysis of Jurkat cells, using anti-BTN1A1 antibody, (Red), compared to a nonspecific negative control antibody (Blue).





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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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### **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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