

# Product Datasheet

## BTN1A1/Butyrophilin Antibody (2151C) - Azide and BSA Free MAB8467-100ug

Unit Size: 100 ug

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

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**MAB8467-100ug**

BTN1A1/Butyrophilin Antibody (2151C) - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	100 ug
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	2151C
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	PBS

**Product Description**

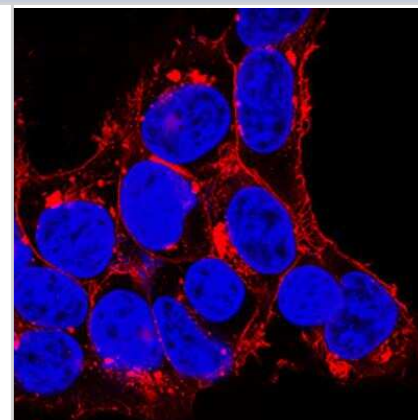
<b>Description</b>	Human BTN1A1/Butyrophilin MAb (Clone 2151C)
<b>Host</b>	Rabbit
<b>Gene ID</b>	696
<b>Gene Symbol</b>	BTN1A1
<b>Species</b>	Human
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant human BTN1A1/Butyrophilin

**Product Application Details**

<b>Applications</b>	Flow Cytometry, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Flow Cytometry, Immunocytochemistry/ Immunofluorescence 1 - 2 ug/ml

**Images**

Immunocytochemistry/Immunofluorescence: BTN1A1/Butyrophilin Antibody (2151C) [MAB8467] - Analysis using immersion fixed Paraffin embedded Human HEK293 cell line.



## Procedures

### **Immunocytochemistry/ Immunofluorescence Protocol for BTN1A1/Butyrophilin Antibody (MAB8467)**

#### Immunocytochemistry Protocol

Culture cells to appropriate density in 35 mm culture dishes or 6-well plates.

1. Remove culture medium and wash the cells briefly in PBS. Add 10% formalin to the dish and fix at room temperature for 10 minutes.
2. Remove the formalin and wash the cells in PBS.
3. Permeabilize the cells with 0.1% Triton X100 or other suitable detergent for 10 min.
4. Remove the permeabilization buffer and wash three times for 10 minutes each in PBS. Be sure to not let the specimen dry out.
5. To block nonspecific antibody binding, incubate in 10% normal goat serum from 1 hour to overnight at room temperature.
6. Add primary antibody at appropriate dilution and incubate overnight at 4C.
7. Remove primary antibody and replace with PBS. Wash three times for 10 minutes each.
8. Add secondary antibody at appropriate dilution. Incubate for 1 hour at room temperature.
9. Remove secondary antibody and replace with PBS. Wash three times for 10 minutes each.
10. Counter stain DNA with DAPI if required.





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### **Products Related to MAB8467-100ug**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
210-TA-005	TNF-alpha [Unconjugated]

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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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