

For Research Use Only

# BTN2A1 Monoclonal antibody

Catalog Number: 68265-1-Ig



## Basic Information

<b>Catalog Number:</b> 68265-1-Ig	<b>GenBank Accession Number:</b> BC016661	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 11120	<b>CloneNo.:</b> 3A6G2
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q7KYR7	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG1	<b>Full Name:</b> butyrophilin, subfamily 2, member A1	
<b>Immunogen Catalog Number:</b> AG14533	<b>Calculated MW:</b> 60 kDa	
	<b>Observed MW:</b> 69 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : U2OS cells, LNCaP cells, A549 cells, HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells
<b>Species Specificity:</b> Human	

## Background Information

BTN2A1, also named as BT2.1, BTF1 is a 527 amino acid protein, which belongs to the immunoglobulin superfamily. BTN2A1 is highly expressed in brain, bone marrow, small intestine, muscle, spleen and pancreas and moderate expression was seen in lung, liver and kidney. The calculated molecular weight of BTN2A1 is 59 kDa, but glycosylation of BTN2A1 is about 69 kDa. (PMID: 17785817)

## Storage

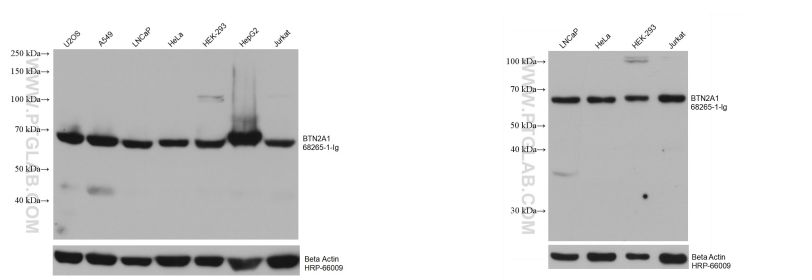
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68265-1-Ig (BTN2A1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control.

Various lysates were subjected to SDS PAGE followed by western blot with 68265-1-Ig (BTN2A1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control.