

BTN2A1 Monoclonal antibody

Catalog Number: 68265-1-Ig

Basic Information

Catalog Number:

68265-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG14533

GenBank Accession Number:

BC016661

GeneID (NCBI):

11120

UNIPROT ID:

Q7KYR7

Full Name:

butyrophilin, subfamily 2, member A1

Calculated MW:

60 kDa

Observed MW:

69 kDa

Purification Method:

Protein G purification

CloneNo.:

3A6G2

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : U2OS cells, LNCaP cells, A549 cells, HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells

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:

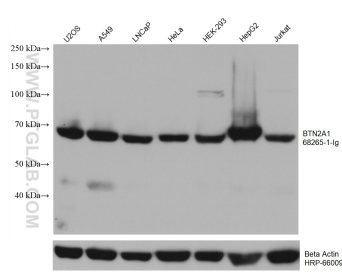
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

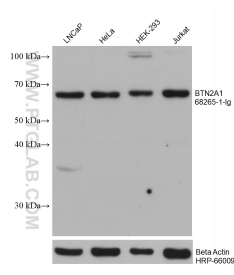
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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.