

TBC1D23 Monoclonal antibody

Catalog Number: 68409-1-Ig

Basic Information

Catalog Number:

68409-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG10727

GenBank Accession Number:

BC010221

GeneID (NCBI):

55773

UNIPROT ID:

Q9NUY8

Full Name:

TBC1 domain family, member 23

Calculated MW:

699 aa, 78 kDa

Observed MW:

78 kDa

Purification Method:

Protein A purification

CloneNo.:

2A12A7

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, mouse, rat, pig

Positive Controls:

WB : U2OS cells, LNCaP cells, HEK-293 cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells, 4T1 cells, pig brain tissue

Background Information

TBC1D23, also named as NS4ATP1, is a gene down-regulated by Pneumocystis infection. Pneumocystis pneumonia is a common opportunistic disease in AIDS patients. (PMID: 20377877) Recently it has been found that TBC1D23 gene is the most frequently mutated in MSI-H cell lines and protein expressions of TBC1D23 in tumors with mutation were down regulated.(PMID: 20824714)

Storage

Storage:

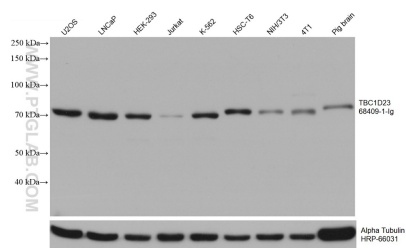
Store at -20°C. Stable for one year after shipment.

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 68409-1-Ig (TBC1D23 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.