

For Research Use Only

# TBC1D23 Monoclonal antibody

Catalog Number: 68409-1-Ig



## Basic Information

<b>Catalog Number:</b> 68409-1-Ig	<b>GenBank Accession Number:</b> BC010221	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 55773	<b>CloneNo.:</b> 2A12A7
<b>Source:</b> Mouse	<b>Full Name:</b> TBC1 domain family, member 23	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG2a	<b>Calculated MW:</b> 699 aa, 78 kDa	
<b>Immunogen Catalog Number:</b> AG10727	<b>Observed MW:</b> 78 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : U2OS cells, LNCaP cells, HEK-293 cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells, 4T1 cells, pig brain tissue
<b>Species Specificity:</b> Human, mouse, rat, pig	

## 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

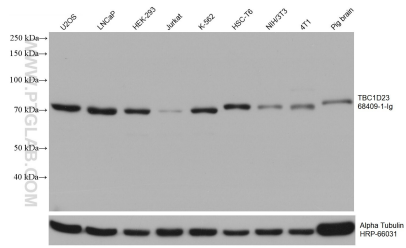
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## 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.