

For Research Use Only

# MYST2 Monoclonal antibody

Catalog Number: 68525-1-Ig



## Basic Information

<b>Catalog Number:</b> 68525-1-Ig	<b>GenBank Accession Number:</b> BC032640	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 11143	<b>CloneNo.:</b> 1C1B1
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> O95251	<b>Recommended Dilutions:</b> WB 1:2000-1:10000
<b>Isotype:</b> IgG1	<b>Full Name:</b> MYST histone acetyltransferase 2	
<b>Immunogen Catalog Number:</b> AG5166	<b>Calculated MW:</b> 611 aa, 71 kDa	
	<b>Observed MW:</b> 83 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : A549 cells, LNCaP cells, MCF-7 cells, HeLa cells, HEK-293 cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells
<b>Species Specificity:</b> Human, mouse, rat	

## Background Information

MYST2, also named as HBO1, HBOa MOZ, YBF2/SAS3, SAS2 and TIP60 protein 2, belongs to the MYST (SAS/MOZ) family. It specifically represses AR mediated transcription. MYST2 is a candidate oncogene. It enhances the anchorage-independent growth of breast cancer cells.(PMID:19372580) MYST2 is a histone acetyltransferase (HAT) which could exert oncogenic function in breast cancer. It is an important downstream molecule of ERα, and ERK1/2 signaling pathway may involved in the expression of HBO1 increased by E2.

## 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

For technical support and original validation data for this product please contact:

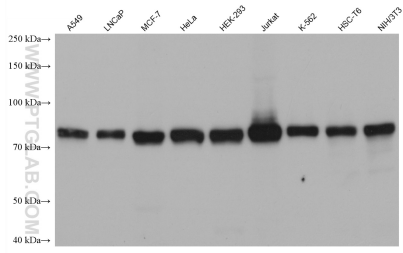
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.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 68525-1-Ig (MYST2 antibody) at dilution of 1:4900 incubated at room temperature for 1.5 hours.