

For Research Use Only

# GTSE1 Monoclonal antibody

Catalog Number: 68313-1-Ig



## Basic Information

<b>Catalog Number:</b> 68313-1-Ig	<b>GenBank Accession Number:</b> BC006325	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 51512	<b>CloneNo.:</b> 3B4A12
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9NYZ3	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG1	<b>Full Name:</b> G-2 and S-phase expressed 1	
<b>Immunogen Catalog Number:</b> AG32817	<b>Calculated MW:</b> 77 kDa	
	<b>Observed MW:</b> 67 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : U2OS cells, Saos-2 cells, HeLa cells, HEK-293 cells, MDA-MB-231 cells, Jurkat cells, K-562 cells, HSC-T6 cells, 4T1 cells
<b>Species Specificity:</b> Human, Rat, mouse	

## Background Information

GTSE1 is only expressed in the S and G2 phases of the cell cycle, where it colocalizes with cytoplasmic tubulin and microtubules. In response to DNA damage, the encoded protein accumulates in the nucleus and binds the tumor suppressor protein p53, shutting it out of the nucleus and repressing its ability to induce apoptosis.

## Storage

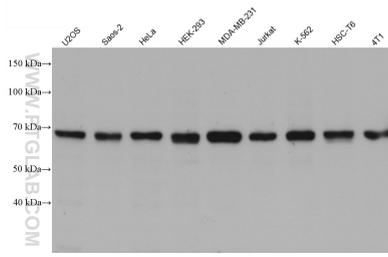
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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 68313-1-Ig (GTSE1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.