

For Research Use Only

GTSE1 Monoclonal antibody

Catalog Number: 68313-1-Ig



Basic Information

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

Applications

Tested Applications: WB, ELISA	Positive Controls: 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
Species Specificity: Human, Rat	

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

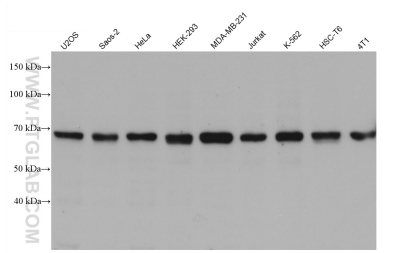
For technical support and original validation data for this product please contact:

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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.