

For Research Use Only

TEX264 Monoclonal antibody

Catalog Number: 68507-1-Ig



Basic Information

Catalog Number: 68507-1-Ig	GenBank Accession Number: BC008742	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 51368	CloneNo.: 2D12G1
Source: Mouse	UNIPROT ID: Q9Y6I9	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG1	Full Name: testis expressed 264	
Immunogen Catalog Number: AG33710	Calculated MW: 313 aa, 34 kDa	
	Observed MW: 37 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A549 cells, LNCaP cells, HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells, K-562 cells
Species Specificity: Human	

Background Information

TEX264 (testes expressed gene 264) is a single-pass transmembrane protein, consisting of an N-terminal hydrophobic region, a gyrase inhibitory (GyrI)-like domain, and a loosely structured C terminus. TEX264 was first identified as an endoplasmic reticulum (ER)-resident Atg8-family-binding protein that mediates the degradation of portions of the ER during starvation (i.e., reticulophagy). TEX264 was identified as a cofactor of VCP/p97 ATPase that promotes the repair of covalently trapped TOP1 (DNA topoisomerase 1)-DNA crosslinks.

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:

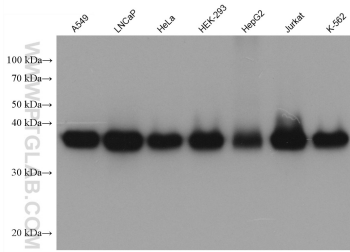
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68507-1-Ig (TEX264 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.