

For Research Use Only

TEX264 Monoclonal antibody, PBS Only (Capture)

Catalog Number: 68507-1-PBS



Basic Information

Catalog Number: 68507-1-PBS	GenBank Accession Number: BC008742	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 51368	CloneNo.: 2D12G1
Source: Mouse	UNIPROT ID: Q9Y6I9	
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, Indirect ELISA

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

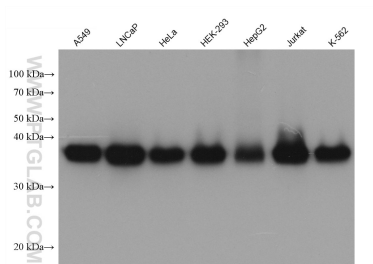
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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. This data was developed using the same antibody clone with 68507-1-PBS in a different storage buffer formulation.