

For Research Use Only

# TEX264 Monoclonal antibody

Catalog Number: 68507-1-Ig



## Basic Information

<b>Catalog Number:</b> 68507-1-Ig	<b>GenBank Accession Number:</b> BC008742	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 51368	<b>CloneNo.:</b> 2D12G1
<b>Source:</b> Mouse	<b>Full Name:</b> testis expressed 264	<b>Recommended Dilutions:</b> WB 1:2000-1:10000
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 313 aa, 34 kDa	
<b>Immunogen Catalog Number:</b> AG33710	<b>Observed MW:</b> 37 kDa	

## Applications

**Tested Applications:**  
WB, ELISA

**Species Specificity:**  
Human

**Positive Controls:**

WB : A549 cells, LNCaP cells, HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells, K-562 cells

## 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

\*\*\* 20ul sizes contain 0.1% BSA

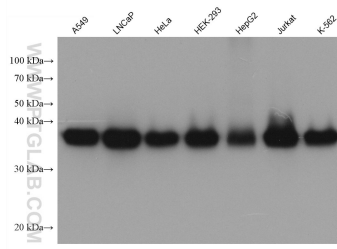
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## Selected Validation Data



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.