

For Research Use Only

TERF1 Monoclonal antibody, PBS Only



Catalog Number: 67592-1-PBS

Basic Information

Catalog Number: 67592-1-PBS	GenBank Accession Number: BC029378	Purification Method: Protein A purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 7013	CloneNo.: 1D10G4
Source: Mouse	UNIPROT ID: P54274	
Isotype: IgG1	Full Name: telomeric repeat binding factor (NIMA-interacting) 1	
Immunogen Catalog Number: AG12540	Calculated MW: 439 aa, 50 kDa	
	Observed MW: 48-50 kDa	

Applications

Tested Applications:
Indirect ELISA, WB

Species Specificity:
rat, mouse, human

Background Information

Telomeres are nucleoprotein complexes located at chromosome ends that consist of tandem arrays of TTAGGG repeats bound to specific proteins. Telomeres protect chromosome ends from degradation and end-to-end fusions, prevent activation of DNA damage checkpoints, and modulate the maintenance of telomeric DNA by telomerase. TERF1 (telomeric repeat-binding factor 1) binds the telomeric double-stranded TTAGGG repeat and negatively regulates telomere length. It's one component of the shelterin complex, which involved in the regulation of telomere length and protection.

Storage

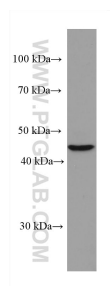
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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



K-562 cells were subjected to SDS PAGE followed by western blot with 67592-1-Ig (TERF1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67592-1-PBS in a different storage buffer formulation.