

For Research Use Only

TERT Recombinant antibody, PBS Only

Catalog Number: 84636-1-PBS



Basic Information

Catalog Number: 84636-1-PBS	GenBank Accession Number: NM_198255	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 7015	CloneNo.: 241074H2
Source: Rabbit	UNIPROT ID: O14746	
Isotype: IgG	Full Name: telomerase reverse transcriptase	
	Calculated MW: 127 kDa	

Applications

Tested Applications:
IF/ICC, Indirect ELISA

Species Specificity:
human

Background Information

Telomerase reverse transcriptase (TERT) is a catalytic subunit of telomerase. TERT plays a key role in cancer formation, ensuring chromosomal stability by maintaining telomere length, and allowing cells to avert senescence. It constitutes a limiting factor for formation of the telomerase complex in cancer cells. TERT is one of two major components of the larger telomerase complex, which extends telomeres by adding specific short repetitive DNA sequences. Telomerase is a ribonucleoprotein enzyme essential for the replication of chromosome termini in most eukaryotes. Active in progenitor and cancer cells. Inactive, or very low activity, in normal somatic cells.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

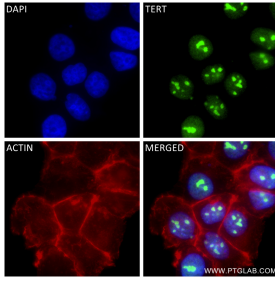
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using TERT antibody (84636-1-RR, Clone: 241074H2) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 84636-1-PBS in a different storage buffer formulation.