

anti-Human Telomerase Antibody | anti-TERT antibody

Telomerase (Phospho-Ser227) Antibody

CATALOG # AAA111707	REACTIVITY Human	APPLICATIONS ELISA, Immunofluorescence
-------------------------------	----------------------------	--

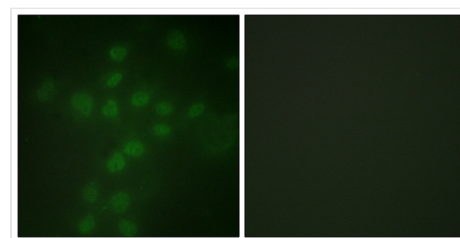
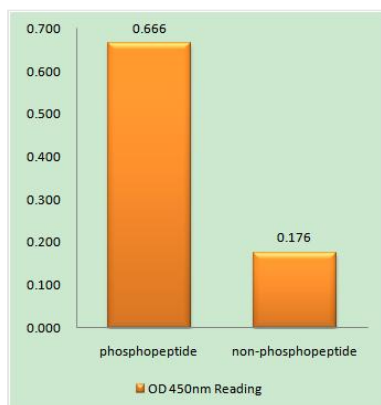
PRODUCT SYNONYMS

Telomerase; Telomerase (Phospho-Ser227) Antibody; EC 2.7.7.49; EST2; HEST2; TCS1; TERT; TRT; Telomerase catalytic subunit; Telomerase reverse transcriptase; anti-TERT antibody

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Telomerase (Phospho-Ser227) antibody detects endogenous levels of Telomerase only when phosphorylated at serine 227.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1069
Applicable Applications for anti-TERT antibody	ELISA, IF (Immunofluorescence)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Telomerase around the phosphorylation site of serine 227 (G-G-SP-A-S).
All Sites	Human: Ser227
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IF (Immunofluorescence)

Immunofluorescence analysis of HuvEC cells, using Telomerase (Phospho-Ser227) antibody. Telomerase (Phospho-Ser227) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nm are shown in the ELISA figure.

ADDITIONAL INFORMATION

Product Categories/Family for anti-TERT antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Nakamura T.M., Science 277:955-959(1997). Meyerson M., Cell 90:785-795(1997). Wick M., Gene 232:97-106(1999).

NCBI AND UNIPROT INFORMATION

NCBI GI #	301129200
NCBI GeneID	7015
NCBI Accession #	NP_001180305.1
NCBI GenBank Nucleotide #	NM_001193376.1
UniProt Accession #	O14746; O14783; Q2XS35; Q8N6C3; Q8NG38; Q8NG46
Molecular Weight	88,965 Da
NCBI Official Full Name	telomerase reverse transcriptase isoform 2
NCBI Official Synonym Full Names	telomerase reverse transcriptase
NCBI Official Symbol	TERT
NCBI Official Synonym Symbols	TP2; TRT; CMM9; EST2; TCS1; hTRT; DKCA2; DKCB4; hEST2; PFBMFT1
NCBI Protein Information	telomerase reverse transcriptase
UniProt Protein Name	Telomerase reverse transcriptase
UniProt Gene Name	TERT
UniProt Synonym Gene Names	EST2; TCS1; TRT; TP2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-antibody/telomerase/111707>