

Rabbit anti-Human Telomerase Reverse Transcriptase Monoclonal Antibody | anti-TERT antibody

Telomerase Reverse Transcriptase Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312405	Rabbit	Human	Flow Cytometry, Functional Assay, Western Blot

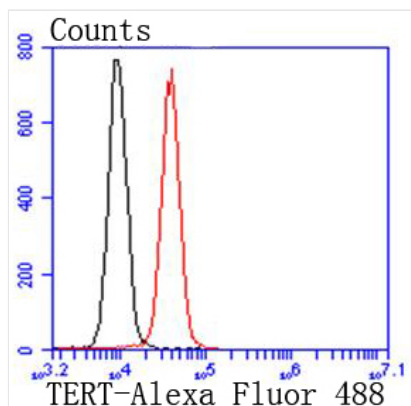
PRODUCT SYNONYMS

Telomerase Reverse Transcriptase; Monoclonal Antibody; Telomerase Reverse Transcriptase Antibody; CMM9 antibody; DKCA2 antibody; DKCB4 antibody; EST2 antibody; HEST2 antibody; htert antibody; hTERT antibody; PFBMFT1 antibody; TCS1 antibody; Telomerase associated protein 2 antibody; Telomerase catalytic subunit antibody; Telomerase reverse transcriptase antibody; Telomerase-associated protein 2 antibody; Telomere Reverse Transcriptase antibody; TERT antibody; TERT_HUMAN antibody; TP2 antibody; TRT antibody; anti-TERT antibody

PRODUCT SPECIFICATIONS

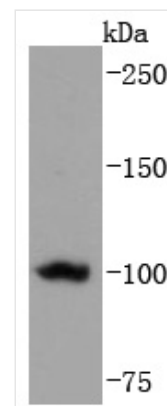
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	JF0586
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-TERT antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of HeLa cells with TERT antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody



WB (Western Blot)

Western blot analysis of TERT on HeLa cells lysates using anti-TERT antibody at 1/1,000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-TERT antibody	Telomerase is an RNA-dependent DNA polymerase that catalyzes the addition of telomeric repeat sequences to chromosome ends. In most human somatic cells, telomerase activity is undetectable, and telomeres shorten with successive cell divisions. However, telomerase activity is detectable in immortal cells and in many human tumors. Two candidate mammalian telomerase proteins have been cloned. Human TP1 (for telomerase-associated protein 1), also designated TLP1 in rat (for telomerase protein component 1), is homologous to the Tetrahymena p80 telomerase protein and has been shown to interact with mammalian telomerase RNA. Human TERT (for telomerase reverse transcriptase), also designated hEST2 (for ever shorter telomeres), is homologous to the p123 telomerase protein from Euplotes and to the yeast Est2 protein. Expression of TERT mRNA has been shown to correlate with telomerase activity in various cell lines.
Product Categories/Family for anti-TERT antibody	Total protein Ab

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; Q8NG46
Molecular Weight	126,997 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; telomerase catalytic subunit; telomerase-associated protein 2
UniProt Protein Name	Telomerase reverse transcriptase
UniProt Gene Name	TERT
UniProt Synonym Gene Names	EST2; TCS1; TRT; TP2
UniProt Entry Name	TERT_HUMAN

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.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/telomerase-reverse-transcriptase-antibody-clone-jf0586-flow-cytometry-western-blot-elisa/312405>