

Product Name: TERT (9Y18) Rabbit Monoclonal Antibody
Catalog #: AMRe18798

Summary

Production Name	TERT (9Y18) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	TERT
Alternative Names	TCS1; HEST2; EST2;TRT; Telomerase reverse transcriptase; Telomerase-associated protein 2; Telomerase catalytic subunit;
Gene ID	7015.0
SwissProt ID	O14746.

Application

Dilution Ratio	WB: 1:500~1:1000
Molecular Weight	127kDa

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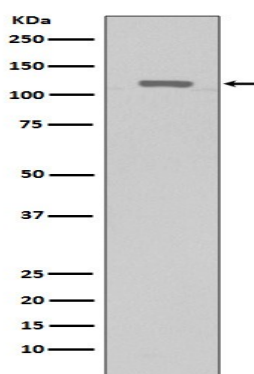
Background

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. Catalytic component of the telomerase holoenzyme complex whose main activity is the elongation of telomeres by acting as a reverse transcriptase that adds simple sequence repeats to chromosome ends by copying a template sequence within the RNA component of the enzyme. Telomerase activity is regulated by a number of factors including telomerase complex-associated proteins, chaperones and polypeptide modifiers. Modulates Wnt signaling. Plays important roles in aging and antiapoptosis.

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Research Area

Image Data



Western blot analysis of TERT expression in HeLa cells lysate.

Note

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