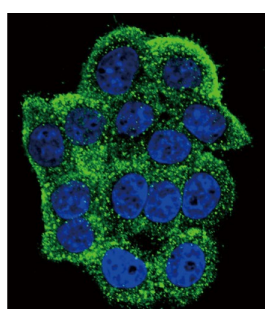
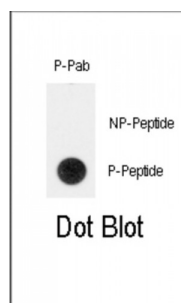


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TERT (pY707) Antibody

Catalogue No.: abx032054



Telomerase is a ribonucleoprotein polymerase that maintains telomere ends by addition of the telomere repeat TTAGGG. The enzyme consists of a protein component with reverse transcriptase activity, and an RNA component which serves as a template for the telomere repeat. Telomerase expression plays a role in cellular senescence, as it is normally repressed in postnatal somatic cells resulting in progressive shortening of telomeres. Deregulation of telomerase expression in somatic cells may be involved in oncogenesis. Studies in mouse suggest that telomerase also participates in chromosomal repair, since de novo synthesis of telomere repeats may occur at double-stranded breaks.

Target: TERT (pY707)

Reactivity: Human

Host: Rabbit

Clonality: Polyclonal

Tested Applications: IF/ICC, DB

Recommended dilutions: Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Human TERT (phospho-Tyr707).

Purification: Peptide Affinity Purified Rabbit Polyclonal Antibody.

Isotype: IgG

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Conjugation: Unconjugated

Specificity: This TERT Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding Y707 of human TERT.

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Swiss Prot: [O14746](#)

Buffer: PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by two-step phosphospecific peptide affinity purification.

Note: This product is for research use only.