

PAC241Mu01

Polyclonal Antibody to Telomerase Reverse Transcriptase (TERT)

Organism Species: Mus musculus (Mouse)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

9th Edition (Revised in Jul, 2013)

[PRODUCT INFORMATION]

Immunogen: TERT, Mouse

Clonality: Polyclonal

Host: Rabbit

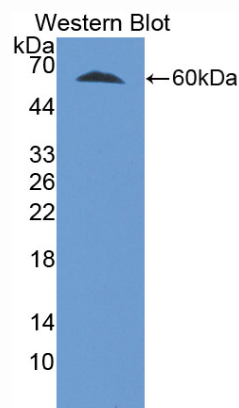
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

Applications: WB, ICC, IHC-P, IHC-F, ELISA

Concentration: 200µg/mL

UOM: 100µg



Sample: Recombinant TERT, Mouse

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant TERT (Gln642~Lys974) expressed in *E.coli*.

Accession No.: RPC241Mu01

Sequence: The target protein is fused with two N-terminal Tags, His-tag and GST-tag and its sequence is listed below.

MSPILGYWKI KGLVQPTRL L LEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID
GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSR IA YSKDFETLKV
DFLSKLP EML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK
KRIEAIQID KYLKSSKYIA WPLQGWQATF GGGDHPKSD GSTSGSGHHH HHSAGLVPR
GSTAIGMKET AAKFERQHM DSPDLGTLEV LFQGPLGSEF-QHPHLMGSSV LGMNDIYRTW
RAFVLRVRL DQTPRMYFVK ADVTGAYDAI PQGKLVEVVA NMIRHSESTY CIRQYAVVRR
DSQGQVHKSF RRQVTTLSDL QPYMGQFLKH LQSDASALR NSVVIEQSIG MNESSSSLFD

FFLHFLRHSV VKIGDRCYTQ CQGIPQGSSL STLLCSLCFG DMENKLFAEV QRDGLLLRFV
DDFLLVTPHL DQAKTFLSTL VHGVPYEGCM INLQKTVVNF PVEPGTLGGA APYQLPAHCL
FPWCGLLLDLDT QTLEVFCDYS GYAQTSIKTS LTFQSVFKAG KTMRNKLLSV LRLK

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against TERT. It has been selected for its ability to recognize TERT in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN_3 , 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant TERT (Gln642~Lys974) disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.
5uL per well when used in enhanced chemiluminescent (ECL).

Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN_3 0.02%.

[STORAGE]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.