

Product Datasheet

TERT Antibody NB600-476

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB600-476

Updated 3/11/2019 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NB600-476



NB600-476**TERT Antibody****Product Information**

Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Target Molecular Weight	127 kDa

Product Description

Host	Rabbit
Gene ID	7015
Gene Symbol	TERT
Species	Human
Reactivity Notes	Cross-reacts with Human. Weak cross-reactivity with Mouse
Marker	Embryonic Stem Cell Marker
Specificity/Sensitivity	The antibody detects ectopically-expressed hTERT and high levels of endogenous hTERT, but several non-specific bands appear on immunoblots as well. Although it has been reported that this antibody reacts with mouse TERT (mTERT) (see Drissi, et al. 2001), the binding to mTERT is considerably weaker and less specific than the binding to hTERT (not shown).
Immunogen	Synthetic peptide corresponding to amino acids 1104-1123 of hTERT.

Product Application Details

Applications	Western Blot, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:2000, ELISA 1:10000-1:50000, Immunohistochemistry 1:500, Immunocytochemistry/Immunofluorescence 1:500, Immunoprecipitation 2ul per mg of Lysate, Immunohistochemistry-Paraffin
Application Notes	In immunofluorescence microscopy assays, staining with anti-TERT-16 was specific to the nuclei of cells with ectopic TERT expression.

Publications

Wu YL, Dudognon C, Nguyen E et al. Immunodetection of human telomerase reverse-transcriptase (hTERT) re-appraised: nucleolin and telomerase cross paths. J Cell Sci 2006-07-01 [PMID: 16772337]

Tang H, Ge L, Shao W et al. Effect of targeted silencing of hTERT mRNA by lentivirus-mediated siRNA on A549 lung cancer cells in vitro Mol Biol Rep 2012-10-09 [PMID: 23054018] (WB, Human)

Ahmed S, JF Passos, MJ Birket, T Beckmann, S Brings, H Peters, MA Birch-Machin, T von Zglinicki, G Saretzki. Telomerase does not counteract telomere shortening but protects mitochondrial function under oxidative stress. J Cell Sci;121(Pt 7):1046-53. 2008-04-01 [PMID: 18334557]





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NB600-476

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

