

Product Datasheet

TERT Antibody Pack NB100-913-1Pack

Unit Size: 1 Pack

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Updated 10/23/2024 v.20.1

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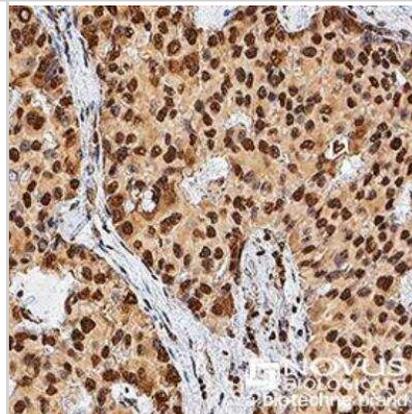
NB100-913-1Pack

TERT Antibody Pack

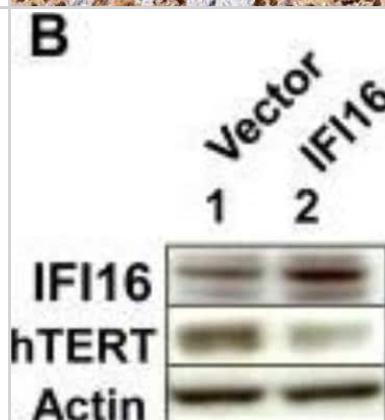
Product Information	
Unit Size	1 Pack
Concentration	Concentration of individual antibodies may be found on the vial label. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Product Description	
Description	This pack contains 1 vial each of: NB100-317 (0.1 mL) and NB100-297 (0.1 mL).
Gene ID	7015
Gene Symbol	TERT
Species	Human, Mouse, Rat
Reactivity Notes	See individual datasheets of components for their validated species
Immunogen	See individual datasheets
Kit Components	NB100-317: TERT Antibody (2C4), NB100-297: TERT Antibody (2D8)
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP), Knockdown Validated
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Chromatin Immunoprecipitation (ChIP), Knockdown Validated
Application Notes	See individual datasheets of components for their validated applications

Images

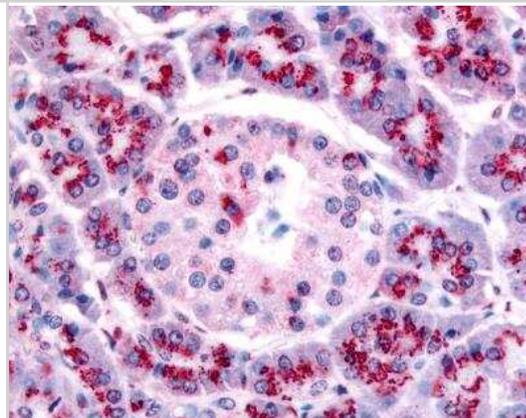
Immunohistochemistry-Paraffin: TERT Antibody Pack [NB100-913] - TERT was detected in immersion fixed paraffin-embedded sections of human liver cancer using anti-human mouse monoclonal antibody (Catalog # NB100-297) at 1:600 dilution overnight at 4C. Tissue was stained using the VisuCyte anti-mouse HRP polymer detection reagent (Catalog # VC001) with DAB chromogen (brown) and counterstained with hematoxylin (blue). Images may not be copied, printed or otherwise disseminated without express written permission of Novus Biologicals a bio-techne brand.



Western Blot: TERT Antibody Pack [NB100-913] - Increased levels of IFI16 protein in WI-38 cells reduce hTERT levels and inhibit telomerase activity. Total protein extracts prepared from WI-38 cells, either transfected with control (pCMV) vector (lane 1) or pCMV-IFI16 plasmid (lane 2), were subjected to immunoblotting using antibodies specific to the indicated proteins. Image collected and cropped by CiteAb from the following publication ([//dx.plos.org/10.1371/journal.pone.0008569](https://dx.plos.org/10.1371/journal.pone.0008569)), licensed under a CC-BY license. TERT Antibody (2C4) [NB100-317]



Immunohistochemistry-Paraffin: TERT Antibody Pack [NB100-913] - Normal human pancreas showing moderate TERT staining of exocrine cells and a subset of islets of Langerhans using TERT antibody (NB100-317).



Publications

NEant I, Leung HC, Webb SE et al. Trpc1 as the Missing Link Between the Bmp and Ca²⁺ Signalling Pathways During Neural Specification in Amphibians *Sci Rep* 2019-11-05 [PMID: 31690785]

Masutomi, K et al. The telomerase reverse transcriptase regulates chromatin state DNA damage responses. *PNAS* 102(23): 8222-8227. 2005-01-01 [PMID: 15928077] (WB, Human)

Jagadeesh, S et al. Genistein represses telomerase activity via both transcriptional and posttranslational mechanisms in human prostate cancer cells. *Cancer Res*;66(4):2107-15. 2006-02-15 [PMID: 16489011]

Zhang JG, Eguchi J, Kruse CA et al. Antigenic profiling of glioma cells to generate allogeneic vaccines or dendritic cell-based therapeutics. *Clin Cancer Res*;13(2 Pt 1):566-75. 2007-01-15 [PMID: 17255279]



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Products Related to NB100-913-1Pack

NBP2-56116PEP	TERT Recombinant Protein Antigen
NB110-57130	TRF-2 Antibody - BSA Free
NB100-317	TERT Antibody (2C4)
NB600-302	c-Myc Antibody (9E10) - BSA Free

Limitations

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

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