

Product Datasheet

TERT Antibody (2C4) - Azide and BSA Free NBP2-80975

Unit Size: 0.1 ml

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

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NBP2-80975

TERT Antibody (2C4) - Azide and BSA Free

Product Information

| | |
|--------------------------------|--|
| Unit Size | 0.1 ml |
| Concentration | 1 mg/ml |
| Storage | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | 2C4 |
| Preservative | No Preservative |
| Isotype | IgM |
| Purity | IgM purified |
| Buffer | Tris-Glycine |
| Target Molecular Weight | 127 kDa |

Product Description

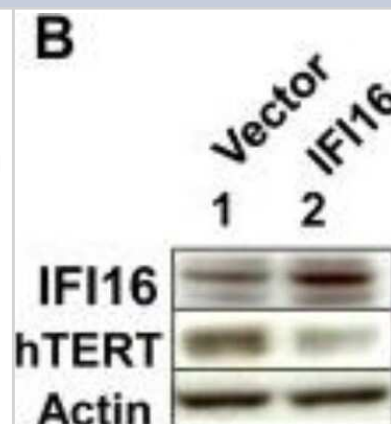
| | |
|--------------------|---|
| Host | Mouse |
| Gene ID | 7015 |
| Gene Symbol | TERT |
| Species | Human, Mouse, Rat |
| Immunogen | Full-length recombinant human Telomerase reverse transcriptase (TERT) from insect cells. [Uniprot: O14746]. |

Product Application Details

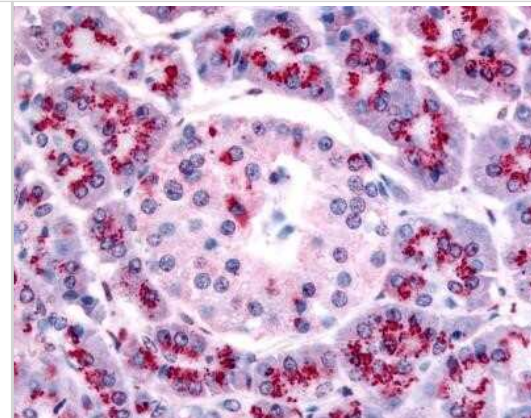
| | |
|------------------------------|---|
| Applications | Western Blot, Chromatin Immunoprecipitation, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP) |
| Recommended Dilutions | Western Blot : 1:500, Chromatin Immunoprecipitation reported in scientific literature (PMID 30936423), Flow Cytometry 1:50 - 1:200, Immunohistochemistry : 1:50, Immunocytochemistry/Immunofluorescence reported in scientific literature (PMID 26725521), Immunoprecipitation : 1:10 - 1:500, Immunohistochemistry-Paraffin : 1:50, Chromatin Immunoprecipitation (ChIP) |
| Application Notes | In Western blot, this antibody recognizes a band at ~127 kDa. An additional background band may be seen at ~110 kDa. Note that the isotype is IgM and the appropriate secondary should be used. |

Images

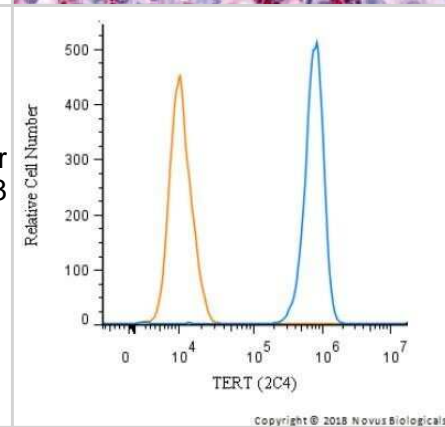
Western Blot: TERT Antibody (2C4) - Azide and BSA Free [NBP2-80975] - Increased levels of IFI16 protein in WI-38 cells reduce hTERT levels and inhibit telomerase activity. Total protein extracts prepared from WI-38 cells, either transfected with control (pCMV) vector (lane 1) or pCMV-IFI16 plasmid (lane 2), were subjected to immunoblotting using antibodies specific to the indicated proteins. Image collected and cropped by CiteAb from the following publication (<http://dx.plos.org/10.1371/journal.pone.0008569>), licensed under a CC-BY license. Image from the standard format of this antibody.



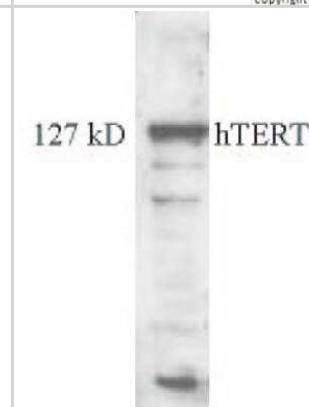
Immunohistochemistry: TERT Antibody (2C4) - Azide and BSA Free [NBP2-80975] - Normal human pancreas showing moderate staining of exocrine cells and a subset of islets of Langerhans. Image from the standard format of this antibody.



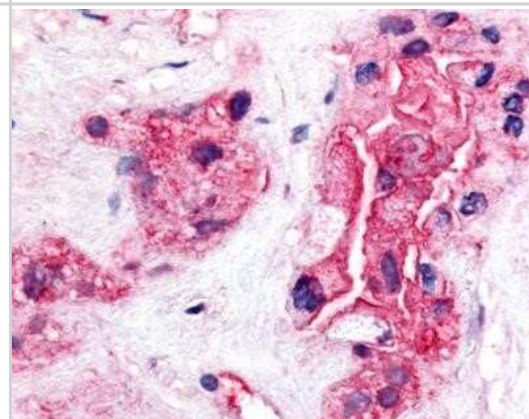
Flow Cytometry: TERT Antibody (2C4) - Azide and BSA Free [NBP2-80975] - An intracellular stain was performed on Jurkat cells with TERT Antibody (2C4) NB100-317 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 1 ug/mL for 30 minutes at room temperature, followed by mouse IgM Alexa Fluor 488-conjugated secondary antibody. Image from the standard format of this antibody.



Western Blot: TERT Antibody (2C4) - Azide and BSA Free [NBP2-80975] - 1:500 dilution on MJ90 cells. Image from the standard format of this antibody.



Immunohistochemistry: TERT Antibody (2C4) - Azide and BSA Free [NBP2-80975] - Human Pancreatic carcinoma showing strong staining of tumor cells. Image from the standard format of this antibody.





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Products Related to NBP2-80975

| | |
|---------------|---|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP2-62224 | Mouse IgM Isotype Control (PFR-03) |
| NBP2-56116PEP | TERT Recombinant Protein Antigen |

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.

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