

# Product Datasheet

## Topoisomerase I Antibody (3D4W6) NBP3-15450-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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Updated 1/27/2026 v.20.1

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**NBP3-15450-100ul****Topoisomerase I Antibody (3D4W6)**

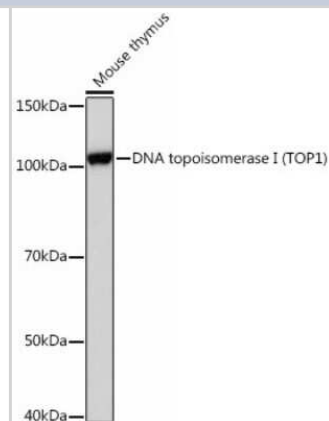
<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	3D4W6
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.3), 50% glycerol, 0.05% BSA
<b>Target Molecular Weight</b>	91 kDa

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit Topoisomerase I Antibody (3D4W6) (NBP3-15450) is a recombinant monoclonal antibody validated for use in IHC, WB, ELISA, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	7150
<b>Gene Symbol</b>	TOP1
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Topoisomerase I (P11387). MSGDHLHNSQIEADFRNLNDSHKHKDKHKDREHRHKEHKKEKDREKSKHSNS EHKDSEKKHKEKEKTKHKDGSSEKHKDKHKDRDKEKRKEEKVRASGDA

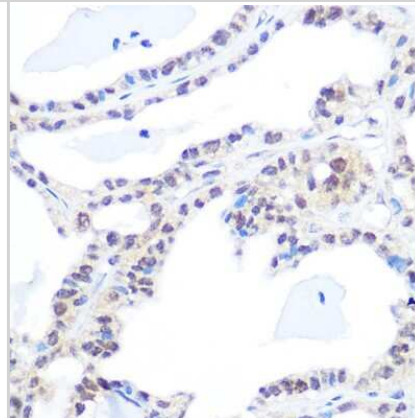
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:1000 - 1:6000, ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements., Immunohistochemistry 1:200 - 1:800, Immunocytochemistry/Immunofluorescence 1:100 - 1:1000, Immunoprecipitation 0.5µg-4µg antibody for 200µg-400µg extracts of whole cells, Immunohistochemistry-Paraffin 1:200 - 1:800

## Images

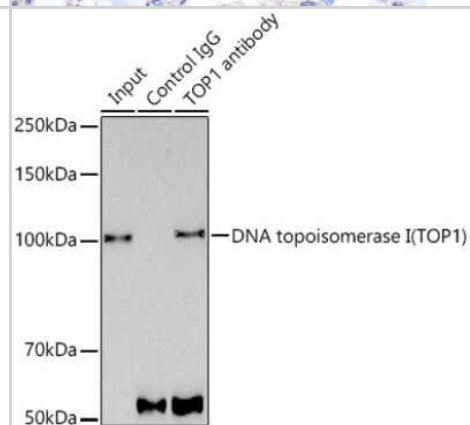
**Western Blot: Topoisomerase I Antibody (3D4W6) [NBP3-15450]** - Western blot analysis of extracts of Mouse thymus, using DNA topoisomerase I (Topoisomerase I) Rabbit mAb (NBP3-15450) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.



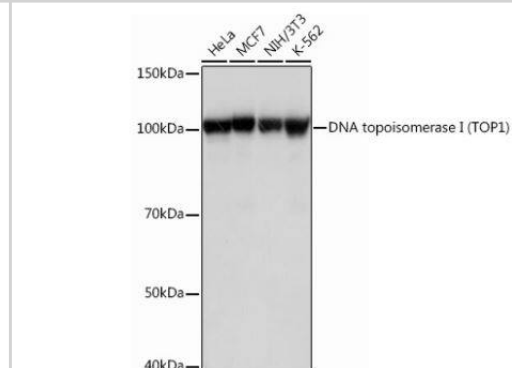
**Immunohistochemistry-Paraffin: Topoisomerase I Antibody (3D4W6) [NBP3-15450]** - Human thyroid cancer using DNA topoisomerase I (Topoisomerase I) Rabbit mAb (NBP3-15450) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



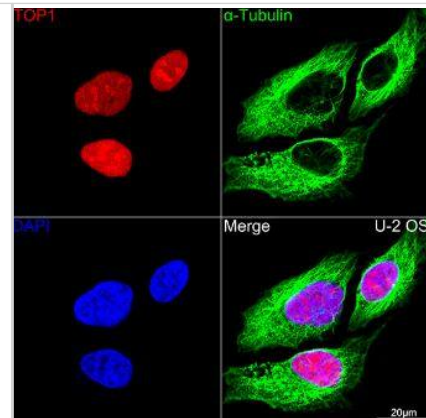
**Immunoprecipitation: Topoisomerase I Antibody (3D4W6) [NBP3-15450]** - Immunoprecipitation analysis of 300ug extracts of MCF7 cells using 3ug Topoisomerase I antibody (NBP3-15450). Western blot was performed from the immunoprecipitate using Topoisomerase I antibody (NBP3-15450) at a dilution of 1:1000.



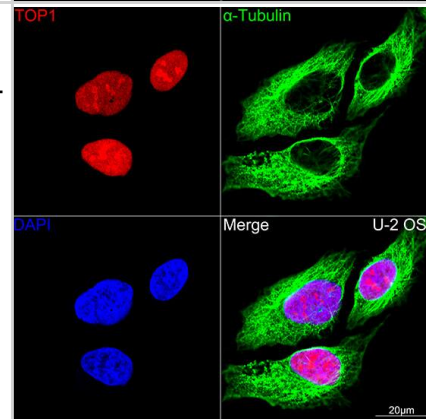
**Western Blot: Topoisomerase I Antibody (3D4W6) [NBP3-15450]** - Analysis of various lysates using DNA topoisomerase I (DNA topoisomerase I (TOP1)) Rabbit mAb at 1 : 1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



Immunocytochemistry/Immunofluorescence: Topoisomerase I Antibody (3D4W6) [NBP3-15450] - Confocal imaging of U-2 OS cells using DNA topoisomerase I (TOP1) Rabbit mAb (dilution 1:100)(Red). The cells were counterstained with  $\alpha$ -Tubulin Mouse mAb (dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.



Immunocytochemistry/ Immunofluorescence: Topoisomerase I Antibody (3D4W6) [Topoisomerase I] - Confocal imaging of U-2 OS cells using Topoisomerase I Rabbit mAb . The cells were counterstained with alpha-Tubulin Mouse mAb (Green). DAPI was used for nuclear staining (blue). Objective: 100x.





### 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

### Products Related to NBP3-15450-100ul

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### 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](http://www.novusbio.com/guarantee)

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