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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Topo II Beta Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_001059.2

Catalog No. A300-949A-T

GeneID 7155

Lot No. A300-949A-T-3

APPLICATIONS WB, IP, IHC

SPECIES REACTIVITY Human

AMOUNT 10 µl

CONCENTRATION 200 µg/ml

STORAGE/SHELF LIFE 2 – 8°C / 1 year from date of receipt

PHYSICAL STATE Liquid

BUFFER Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide

ISOTYPE IgG

ORIGIN USA

PRODUCTION PROCEDURES Antibody was affinity purified using an epitope specific to Topo II Beta immobilized on solid support.

The epitope recognized by A300-949A-T maps to a region between residue 1475 and 1525 of human DNA Topoisomerase II Beta using the numbering given in entry NP_001059.2 (GeneID 7155).

APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot 1:2,000 – 1:10,000

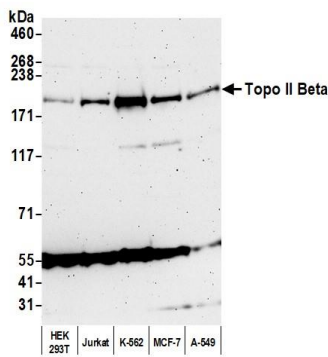
Immunoprecipitation 2 – 10 µg/mg lysate

Immunohistochemistry 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

ADDITIONAL INFO <https://www.bethyl.com/product/A300-949A-T>

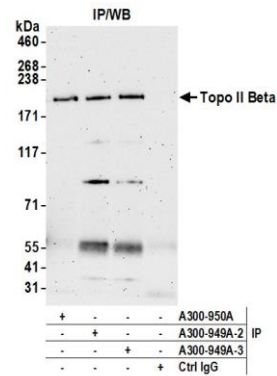
Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: June 3, 2022



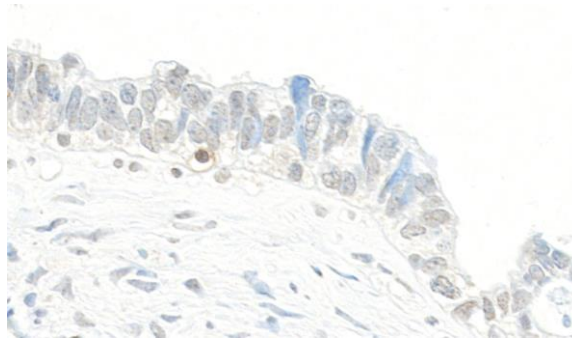
Detection of human Topo II Beta by western blot.

Samples: Whole cell lysate (50 µg) from HEK293T, Jurkat, K-562, MCF-7, and A-549 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-Topo II Beta antibody (A300-949A lot 3) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human Topo II Beta by western blot of immunoprecipitates.

Samples: Whole cell lysate (1.0 mg per IP reaction; 10% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-Topo II Beta antibody (A300-949A lot 3) used for IP at 6 µg per reaction. Topo II Beta was also immunoprecipitated by a previous lot of this antibody (A300-949A lot 2) and a second antibody against a different epitope of Topo II Beta (A300-950A). For blotting immunoprecipitated Topo II Beta, A300-949A was used at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human Topo II Beta by immunohistochemistry.

Sample: FFPE section of human ovarian carcinoma. *Antibody:* Affinity purified rabbit anti-Topo II Beta (A300-949A lot 3) used at a dilution of 1:200 (1 µg/ml). *Detection:* DAB