Topo II Alpha Antibody

Rabbit Polyclonal

Antigen Affinity Purified		RefSeq ID	NP_001058.2
Catalog No.	A300-054A	Uniprot ID	P11388
Lot No.	3	GeneID	7153

APPLICATIONS	WB, IP, IHC
SPECIES REACTIVITY	Human
AMOUNT	100 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 - 8°C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to Topo II Alpha immobilized on solid support. The epitope recognized by A300-054A maps to a region between residue 1500 and the C-terminus (residue 1531) of human Topoisomerase (DNA) II Alpha using the numbering given in entry NP_001058.2 (GeneID 7153). Immunoglobulin concentration was determined using Beer's Law where 1mg/mL IgG has an A280 of 1.4.
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	1:10,000 - 1:30,000
Immunoprecipitation	6 µg/mg lysate
Immunohistochemistry	1:500 - 1:2000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

IHC HUMAN CONTROLS	Laryngeal Squamous Cell Carcinoma, Stomach Adenocarcinoma
ADDITIONAL INFO	Please visit our website for additional product information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: February 26, 2024

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