

Mouse anti-Human Topoisomerase 1 Monoclonal Antibody | anti-TOP1 antibody

Anti-Topoisomerase 1 Antibody

CATALOG # AAA265972	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, Western Blot
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PRODUCT SYNONYMS

Topoisomerase 1; Monoclonal Antibody; Anti-Topoisomerase 1 Antibody; anti-TOP1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1 kappa
Specificity	Recognizes endogenous levels of Topoisomerase 1 protein.
Purity/Purification	This antibody is purified through a protein G column.
Form/Format	Mouse IgG1 kappa. Liquid in PBS, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-TOP1 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human Topoisomerase 1. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of Hela cells using Anti-Topoisomerase 1 Antibody. The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody at 37 °C for 60 min. The secondary antibody Goat Anti-Mouse IgG (H&L) - AF488 was incubated at 37 °C for 40 min. Isotype control antibody (blue line) was used under the same condition.



WB (Western Blot)

Western blot analysis of Topoisomerase 1 expression in HUVEC (A), Jurkat (B), MCF7 (C), PC12 (D) whole cell lysates. (Predicted band size: 90 kD; Observed band size: 110 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-TOP1 antibody	Mouse monoclonal antibody to Topoisomerase 1
Product Categories/Family for anti-TOP1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	11225260
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NCBI GeneID	7150
NCBI Accession #	NP_003277.1
NCBI GenBank Nucleotide #	NM_003286.2
UniProt Accession #	P11387; O43256; Q12855; Q12856; Q15610; Q5TFY3; Q9UJN0; A8KA78; E1P5W3
Molecular Weight	90,726 Da
NCBI Official Full Name	DNA topoisomerase 1
NCBI Official Synonym Full Names	topoisomerase (DNA) I
NCBI Official Symbol	TOP1
NCBI Official Synonym Symbols	TOPI
NCBI Protein Information	DNA topoisomerase 1; type I DNA topoisomerase
UniProt Protein Name	DNA topoisomerase 1
UniProt Gene Name	TOP1
UniProt Entry Name	TOP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/topoisomerase-1-antibody-flow-cytometry-western-blot-elisa/265972>