

Recombinant Topoisomerase I Monoclonal Antibody

Catalog Number:E-AB-81489



Note: Centrifuge before opening to ensure complete recovery of vial contents.

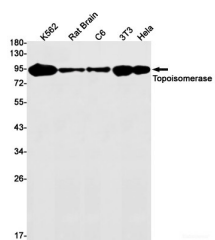
Description

Reactivity	Human,Mouse
Immunogen	A synthetic peptide of human Topoisomerase I
Host	Rabbit
Isotype	IgG
Clone	R02-2H9
Purification	Affinity Purified
Conjugation	Unconjugated
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein

Applications Recommended Dilution

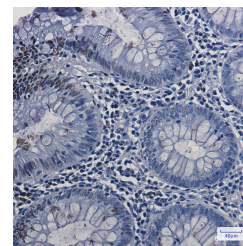
WB	1:1000-1:5000
IHC	1:50-1:100
IF	1:50-1:200

Data

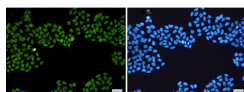


Western blot detection of Topoisomerase I in K562,Rat Brain,C6,3T3,HeLa cell lysates using Topoisomerase I Rabbit mAb(1:1000 diluted).Predicted band size:91kDa.Observed band size:91kDa.

Observed Mw:91kDa
Calculated Mw:91kDa



Immunohistochemistry of Topoisomerase I in paraffin-embedded Human colon cancer tissue using Topoisomerase I Rabbit mAb at dilution 1:50



Immunofluorescence of Topoisomerase I(green) in HeLa cells using Topoisomerase I Rabbit mAb at dilution 1:200, and DAPI(blue)

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Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

This gene encodes a DNA topoisomerase, an enzyme that controls and alters the topologic states of DNA during transcription. This enzyme catalyzes the transient breaking and rejoining of a single strand of DNA which allows the strands to pass through one another, thus altering the topology of DNA. This gene is localized to chromosome 20 and has pseudogenes which reside on chromosomes 1 and 22.

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