

Anti-TOP2A antibody (1314-1503) (STJ11103810)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human

PRODUCT PROPERTIES

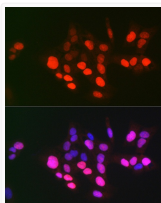
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 174kDa Observed Mw: Refer to figures
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene ID	7153
Gene Symbol	TOP2A
UniProt ID	TOP2A_HUMAN
Immunogen Region	1314-1503
Immunogen Sequence	ETEPRAATKTKFTMDLSD EDFSDFDEKTDDEDFVPSDA SPPKTKTSPKLSNKKELKPQK SVVSDLEADDVKGSVPLSSS PPATHFPDEITNPVPKKN VTVKKTAAKSQSSTSTTGAK KRAAPKGTGRDPALNSGVSQ KPDPAKTKNRRKRKPSTSDS SDSNFEKIVSKAVTSKKSKG ESDDFHMDFD
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1314-1503 of human DNA topoisomerase II alpha (TOP2A) (NP_001058.2).

ADDITIONAL INFORMATION

Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.
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Immunofluorescence analysis of U-2 OS cells using DNA topoisomerase II alpha (DNA topoisomerase II alpha (TOP2A)) Rabbit polyclonal antibody (STJ11103810) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.