

Datasheet for ABIN6294307

anti-Topoisomerase II alpha antibody (AA 1352-1493)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Topoisomerase II alpha (TOP2A)
Binding Specificity:	AA 1352-1493
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Topoisomerase II alpha antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	Mouse anti-Human/Mouse TOP2A Antibody / Topoisomerase II alpha [Sodium Azide Free]
Immunogen:	Amino acids 1352-1493 from the human protein were used as the immunogen for this Topoisomerase II alpha antibody.
Specificity:	Nuclear
Purification:	Amino acids 1352-1493 from the human protein were used as the immunogen for this Topoisomerase II alpha antibody.

Target Details

Target:	Topoisomerase II alpha (TOP2A)
Alternative Name:	DNA topoisomerase 2-alpha (TOP2A Products)

Target Details

Background:	Target Description: This mAb recognizes an ~170 kDa protein which is identified as Topoisomerase IIa, and shows no cross-reaction with Topoisomerase IIb or I. Topo IIa plays important roles in synthesis and transcription of DNA as well as chromosomal segregation during mitosis. It is reported to be a sensitive and specific marker of late S-, G2- & M-phases in transformed and developmentally regulated normal cells. Topo IIa is also implicated in drug resistance of tumor cells. Gene Symbol: TOP2A//TOP2
Gene ID:	7153
UniProt:	P11388
Pathways:	Cell Division Cycle, Mitotic G1-G1/S Phases

Application Details

Application Notes:	FACS: 0.5-1 µg/10⁶ cells in 0.1ml IF: 1-2 µg/mL Western blot: 1-2 µg/mL IHC (FFPE): 0.5-1 µg/mL
Restrictions:	For Research Use only

Handling

Buffer:	In 1X PBS, BSA free, sodium azide free
Preservative:	Azide free
Storage:	4 °C,-20 °C
Storage Comment:	2-8°C. The azide-free format should be aliquoted and stored at -20°C or colder.