

Datasheet for ABIN5542013

anti-Topoisomerase II alpha antibody (C-Term)[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	Topoisomerase II alpha (TOP2A)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Topoisomerase II alpha antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant human Topoisomerase II alpha protein corresponding to C-terminal 182 aa
Clone:	1C5
Isotype:	IgG2a
Specificity:	This antibody detects 170 kDa of human Topo II alpha on Western blot with total cell lysate from human cell lines.
Cross-Reactivity (Details):	Does not react with Mouse (WR19L, NIH/3T3), Rat (PC12, Rat-1) or Hamster (BHK) on Western blot.
Purification:	Protein A agarose

Target Details

Target:	Topoisomerase II alpha (TOP2A)
Alternative Name:	top2a (TOP2A Products)
Background:	<div <span="" 12px>="" a="" alpha="" also="" and="" as="" be="" cells.="" cells.<="" chromosomal="" data-canvas-width="519.3466821444035>Topoisomerase" data-dir="ltr" data-font-name="g_font_p0_4" developmentally="" div="" dna="" drug="" during="" g2-="" ii="" implicated="" important="" in="" is="" it="" late="" m-phases="" marker="" mitosis.="" normal="" of="" plays="" regulated="" reported="" resistance="" roles="" s-,="" segregation="" sensitive="" specific="" style="font-size:" synthesis="" to="" topoisomerase="" transcription="" transformed="" tumor="" well=""></div>
UniProt:	P11388
Pathways:	Cell Division Cycle, Mitotic G1-G1/S Phases

Application Details

Application Notes:	Western blot: 0.1-0.5 µg/mL for chemiluminescence detection system. Immunoprecipitation: 1-10 µg/200-300 µg/mL of cell extract. Immunohistochemistry on paraffin sections: Heat treatment is necessary Microwave oven 2 times for 10 minutes each in 10 mM citrate buffer (pH 6.5). Immunocytochemistry: 1-10 µg/mL. Flow cytometry: 0.1-1 µg/mL (final concentration).
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS containing 50 % glycerol, pH 7.2. No preservative is contained.
Preservative:	Azide free
Storage:	-20 °C
Storage Comment:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing. Shelf life: One year from despatch.