

Datasheet for ABIN201464

anti-Topoisomerase II alpha antibody (C-Term)



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Overview

Quantity:	100 µg
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), Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Immunogen:	Nuclear protein preparation from the human cell line U937.50. Type of Immunogen: Cells
Isotype:	IgG2a
Specificity:	Recognizes a major protein of 170kD which was identified as the human alpha isoform of topoisomerase II. Recognizes a carboxy terminal alpha-isoenzyme specific epitope missing in topoisomerase II beta.
Purification:	Purified

Target Details

Target:	Topoisomerase II alpha (TOP2A)
Alternative Name:	TOP2A / Topoisomerase II alpha (TOP2A Products)
Background:	Name/Gene ID: TOP2A Family: Topoisomerase Synonyms: TOP2A, DNA topoisomerase II, 170 kD, TOP2, DNA gyrase, DNA topoisomerase 2-alpha, TP2A
Gene ID:	7153
UniProt:	P11388
Pathways:	Cell Division Cycle, Mitotic G1-G1/S Phases

Application Details

Application Notes:	Approved: Flo, ICC (5 - 10 µg/mL), IHC, IHC-P, IP, WB (1 - 10 µg/mL) Usage: Suitable for use in Immunohistochemistry, Western Blot, Immunoprecipitation, Immunocytochemistry and Flow Cytometry. Western Blot: 1-10 µg/mL. Immunohistochemistry: 5-10 µg/mL. Strong nuclear staining only in proliferating cells. The epitope recognized by the antibody is also detectable in paraffin-embedded tissue sections. Immunocytochemistry: 5-10 µg/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.6, 0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeat freeze-thaw cycles.

Handling

Storage:	4 °C,-20 °C
Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.