

Datasheet for ABIN7538938

anti-Topoisomerase II alpha antibody (C-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	1 mL
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:	Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Liquid Mouse Monoclonal Antibody Topoisomerase II Alpha
Immunogen:	Prokaryotic recombinant protein corresponding to the C-terminal region of the topoisomerase II alpha molecule.
Clone:	3F6
Isotype:	IgG1
Specificity:	Human topoisomerase II alpha.
Characteristics:	This product is intended for the qualitative identification by light microscopy of human topoisomerase II alpha in paraffin sections.
Purification:	Tissue culture supernatant

Target Details

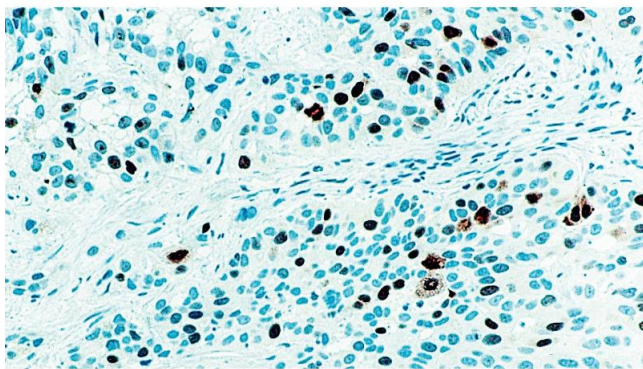
Target:	Topoisomerase II alpha (TOP2A)
Alternative Name:	Topoisomerase II Alpha (TOP2A Products)
Pathways:	Cell Division Cycle , Mitotic G1-G1/S Phases

Application Details

Application Notes:	Immunohistochemical (IHC) staining techniques allow for the visualization of antigens via the sequential application of a specific antibody to the antigen (primary antibody), a secondary antibody to the primary antibody and an enzyme complex with a chromogenic substrate with interposed washing steps. The enzymatic activation of the chromogen results in a visible reaction product at the antigen site. The specimen may then be counterstained and coverslipped. Results are interpreted using a light microscope.
Comment:	Is recommended for the assessment of topoisomerase II alpha protein expression in normal and neoplastic tissues.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The product is a liquid tissue culture supernatant containing sodium azide as a preservative.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2-8 °C. Do not freeze. Return to 2-8 °C immediately after use. Do not use after expiration date indicated on the vial label. Storage conditions other than those specified above must be verified by the user.
Expiry Date:	12 months



Immunohistochemistry

Image 1. Human bladder tumor: immunohistochemical staining for Topoisomerase II alpha. Note intense nuclear staining of malignant cells and occasional mitotic figures. Topoisomerase II Alpha: clone 3F6