

Rabbit Polyclonal Antibody to Topoisomerase II beta

Catalog No.:	RP 124, RP 124-05
Intended Use:	This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person (s) when evaluating and interpreting results.
Immunogen:	Recombinant protein encoding c-terminal 300 aa of human Topoisomerase II beta.
Host:	Rabbit
Format:	Purified immunoglobulin fraction of rabbit antiserum against Topoisomerase II beta containing sodium azide as a preservative.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:25-1:50 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed.
Staining Protocol:	We suggest an incubation period of 30 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. <u>Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining.</u>
Specificity:	This antibody reacts with a 300 kD protein. Topoisomerase II beta plays important roles in synthesis and transcription of DNA and chromosomal segregation during mitosis. It is present ubiquitously in normal cells and is unregulated in tumors and proliferating cells. Topoisomerase II beta is also implicated in drug resistance of tumor cells.
Positive Control:	Tonsil
Cellular Localization:	Nuclear
Storage:	Store at 2-8°C. Do not use beyond the expiration date stated on the label.

IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

DBS

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