

Monoclonal Mouse Antibody to Human Topoisomerase II alpha

Catalog No.:	Mob 243, Mob 234-05
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:	Synthetic polypeptide consisting of the amino acid sequence to amino acids 854-1447 of human topoisomerase II.
Clone:	SWT3D1
Isotype:	IgG1, kappa
Format:	This antibody is supplied as tissue culture supernatant containing sodium azide as a preservative.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:15-1:35 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 60 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. <u>High temperature antigen unmasking is required prior to immunostaining of formalin fixed paraffin embedded tissue sections.</u>
Specificity:	This antibody is specific to the alpha form of DNA topoisomerase II. It stains the nuclei of immunoreactive cells. This antibody is useful in staining small cell lung cancer, non-small cell lung carcinoma, and breast carcinoma.
Positive Control:	Tonsil
Cellular Localization:	Nuclear
Storage:	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
References:	i) Bauman et al. Mod Pathol 10: 168, 1997. ii) D'Andrea et al. Appl Immunohistochem 2: 177, 1994. iii) Robinson et al. Hybridoma 12: 401, 1993.

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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