

Monoclonal Mouse Antibody to Topoisomerase II

Description:

Immunogen:	Prokaryotic recombinant protein corresponding to the C-terminal region of the topoisomerase II alpha molecule.
Clone:	3F6
Isotype:	IgG1.
Format:	This antibody has been pretitered and quality controlled to work on formalin-fixed paraffin-embedded and frozen tissue sections. No further titration is required.
Specificity:	This antibody is specific to human topoisomerase II. Topoisomerase II is predominant in proliferating cells and is modified in M phase by phosphorylation at specific sites. This appears to be critical for mitotic chromosome condensation and segregation. Topoisomerase II may be useful as a proliferation marker and may aid to identify a subgroup of neoplasms that respond to cytotoxic therapy with topoisomerase II inhibitors.

Uses/Limitations: Immunohistochemistry
For Research Use Only.
Do not use past expiration date.

Storage: 2-8° Centigrade.

Procedure: We suggest an incubation period of 30-60 minutes at room temperature. However, depending upon the fixation conditions and the staining system employed, optimal incubation should be determined by the user. Antigen unmasking is required prior to staining.

Precautions: Contains Sodium Azide as a preservative.
Do not pipette by mouth.

References:

- i) Sandri et al. Brit J Cancer 73: 1518-24, 1996.
- ii) Boege et al. Am J Pathol 146(6): 1302-08, 1995.
- iii) Houlbrook et al. Brit J Cancer 72: 1464-71, 1995.