

Monoclonal Antibody to Human Topo I

Catalog No. 2012-3

Lot Number

Description

This monoclonal antibody was raised to human topo I (recombinant protein, overexpressed and purified) using standard methods. The antibody (IgG2B class) is not suitable for use in Western blotting experiments. [For Western blotting probes, refer to Rabbit AB (cat# 2012) topo I or scleroderma reagent (cat# 2012-2)]. Cat #2012-3 is however well suited for immunohistochemistry using 1:50 to 1:100 dilutions, the high temperature unmasking procedure and standard ABC techniques. It will work with frozen tissue using Zamboni's Fixation. We generally recommend 60 min incubation at 25°C for the primary antibody. Specific conditions used in each lab may vary as will specific applications for this AB. For this reason, the conditions for detecting nuclear and nucleolar localization should be worked out empirically in each laboratory.

Vial contents:

Purified antibody (50 ul) is supplied in sterile water.

Shipping/Storage Conditions

The antibody is shipped on dry ice and should be stored at -20°C. We also recommend that the reagent be divided into smaller aliquots upon the first thaw. Avoid repeat freezing/thawing cycles.

References:

Holden et al. Immunohistochemical detection of topo I in formalin fixed, paraffin wax embedded normal tissues and in ovarian carcinomas. *J. Clin. Pathol.* 50:247 (1997)

McLeod et al. Topo I and II activity in human breast, cervix, lung and colon cancer. *Int. J. Cancer* 59:607-611

Product Application and Disclaimer

This product is not licensed or approved for administration to humans or animals. It may be used with experimental animals only. The product is for in vitro research diagnostic studies only. The product is non-infectious and non-hazardous to human health. This information is based on present knowledge and does not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. TopoGEN, Inc. shall not be held liable for product failure due to mishandling and incorrect storage by end user. TopoGEN's liability is limited to credit or product replacement.



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