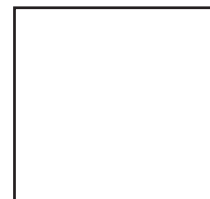


Human Topo II α Peptide



Catalog No. 2011-2 (50 ug)



Description:

This vial contains a 16 residue oligopeptide derived from the carboxy terminal region of human topoisomerase II. The purity of the peptide was greater than 95% as determined by HPLC and mass spectral analysis. Approximately 10 mg of purified peptide were coupled (through a terminal cysteine thiol) to KLH with a heterobifunctional cross-linking agent MBS at a ratio of 1 part peptide to 1 part KLH. The resulting antibody reacts strongly with the 170 kDa Human Topo II protein. This peptide is used as a control reagent in immunofluorescence. The peptide effectively neutralizes the antibody to topo II.

Vial Contents:

Cat #2011-2 contains 50 ug of C-terminal peptide (16 -mer) in a HYDRATED form. The peptide was prepared in PBS.

Shipping/Storage Conditions:

The peptide is shipped frozen. Store at -20 C.

Protocol for Immunodepletion:

1. This protocol is designed for Cat#2011-2 (topoisomerase II peptide at 2 mg/ml).
2. The antibody (Cat#2011-1) should be diluted 1:100 in phosphate buffered saline (PBS) as specified for the IF protocol (see Cat# 2011-1 and www.topogen.com).
3. Add 7.5 ul (=15 ug) of the peptide per ml of diluted antibody. (You will need 20 ul of diluted primary antibody per slide; so determine the volume required in advance.)
4. Incubate overnight at 4°C (gentle agitation helps, but is not essential).
5. Use the absorbed antibody in IF as described in the TopoGEN IF protocol.

Controls:

1. No primary AB negative control
2. Primary AB positive control
3. Adsorbed primary AB
4. Adsorbed heterologous AB (unrelated to anti-topo II antibody).

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.

TopoGEN, Inc.

For orders: www.topogen.com

For Technical Questions: 614-451-5810

or support@topogen.com

©TopoGEN, Inc. 2008