



A Reliable Research Partner in Life Science and Medicine

Recombinant TOP3B Monoclonal Antibody

catalog number: AN301974L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human;

Immunogen Peptide. This information is proprietary to PTMab

HostRabbitIsotypeIgG, κCloneA690

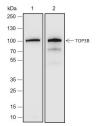
Purification Protein A purified

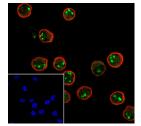
Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

WB 1:1000-1:2000 **IF** 1:100-1:200

Data





dilution of 1:200.

Western Blot with TOP3B Monoclonal Antibody at dilution of Immunofluorescent analysis of (4% Paraformaldehyde) fixed 1:2000. Lane 1: K562, Lane 2: Human heart K-562 cells using anti-TOP3B Monoclonal Antibody at

Observed-MW:97 kDa Calculated-MW:97 kDa

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

Background

DNA topoisomerase 3-beta-1(TOP3B), an enzyme that controls and alters the topologic states of DNA during transcription. TOP3B catalyzes the transient breaking and rejoining of a single strand of DNA which allows the strands to pass through one another, thus relaxing the supercoils and altering the topology of DNA. TOP3B interacts with DNA helicase SGS1 and plays a role in DNA recombination, cellular aging and maintenance of genome stability. Low expression of TOP3B may be related to higher survival rates in breast cancer patients.

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