

Recombinant TOP3B Monoclonal Antibody

catalog number: **AN301974L**

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

Description

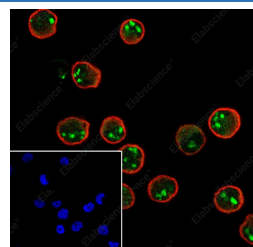
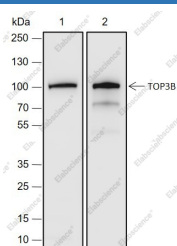
Reactivity	Human
Immunogen	Peptide. This information is proprietary to PTMab
Host	Rabbit
Isotype	Rabbit IgG
Clone	C371595
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

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

Data



Western Blot with TOP3B Monoclonal Antibody at dilution of 1:2000. Lane 1: K562, Lane 2: Human heart
Observed-MW:97 kDa
Calculated-MW:97 kDa

Immunofluorescent analysis of (4% Paraformaldehyde) fixed K-562 cells using anti-TOP3B Monoclonal Antibody at dilution of 1:200.

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.

For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.2