

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	IgG, κ
Clone	A690
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

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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