

TOP1 monoclonal antibody

Catalog: MB23412

Host: Mouse

Reactivity: Human, Mouse

BackGround:

This gene encodes a DNA topoisomerase, an enzyme that controls and alters the topologic states of DNA during transcription. This enzyme catalyzes the transient breaking and rejoining of a single strand of DNA which allows the strands to pass through one another, thus altering the topology of DNA. This gene is localized to chromosome 20 and has pseudogenes which reside on chromosomes 1 and 22.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

90.7kDa

Swiss-Prot:

P11387

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1/500 - 1/2000 IF:1/100 - 1/400 FC:1/200 - 1/400

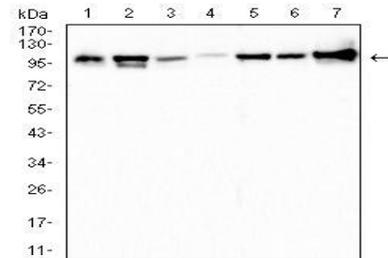
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

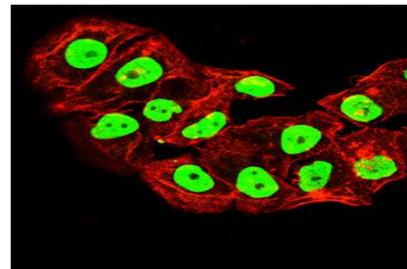
Isotype:

Mouse IgG1

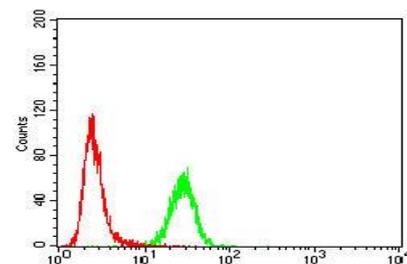
DATA:



Western blot analysis using TOP1 mouse mAb against HUVEC (1), Jukat (2), MCF-7 (3), PC-12 (4), HeLa (5), NIH/3T3 (6) and HCT116 (7) cell lysate.



Immunofluorescence analysis of HeLa cells using TOP1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



Flow cytometric analysis of HeLa cells using TOP1 mouse mAb (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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