

## TDP43 monoclonal antibody

Catalog: MB23487

Host: Mouse

Reactivity: Human

### BackGround:

HIV-1, the causative agent of acquired immunodeficiency syndrome (AIDS), contains an RNA genome that produces a chromosomally integrated DNA during the replicative cycle. Activation of HIV-1 gene expression by the transactivator Tat is dependent on an RNA regulatory element (TAR) located downstream of the transcription initiation site. The protein encoded by this gene is a transcriptional repressor that binds to chromosomally integrated TAR DNA and represses HIV-1 transcription. In addition, this protein regulates alternate splicing of the CFTR gene. A similar pseudogene is present on chromosome 20. [provided by RefSeq, Jul 2008]

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

44.7kDa

### Swiss-Prot:

Q13148

### 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 IHC:1/200 - 1/1000 IF:1/200 - 1/1000  
FC:1/200 - 1/400

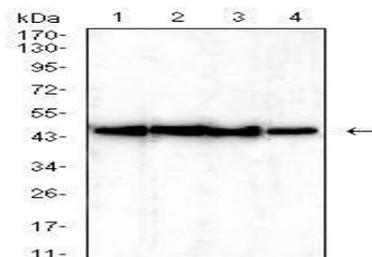
### Storage&Stability:

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

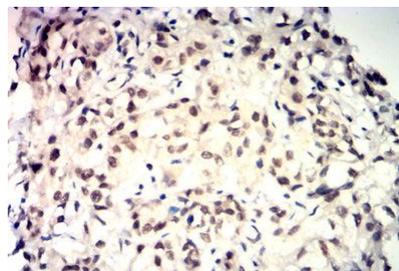
### Isotype:

Mouse IgG1

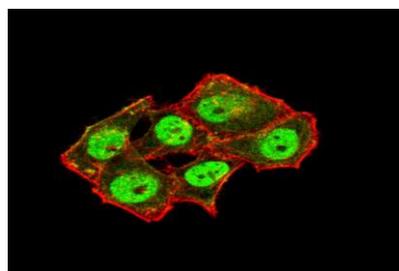
### DATA:



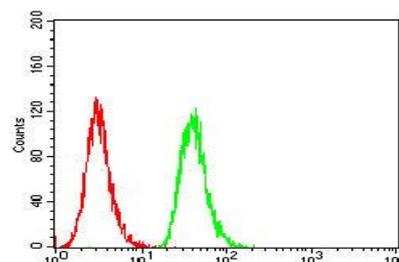
Western blot analysis using TDP43 mouse mAb against HeLa (1), HEK293 (2), MCF-7 (3), and A549 (4) cell lysate.



Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using TDP43 mouse mAb with DAB staining.



Immunofluorescence analysis of HeLa cells using TDP43 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)



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## PRODUCT DATA SHEET

Bioworld Technology, Inc.

Flow cytometric analysis of A431 cells using TDP43 mouse mAb  
(green) and negative control (red).

**Note:**

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

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