

Summary

Production Name	TDP43 Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC,FC,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Immunogen

Gene Name	TDP43
Alternative Names	ALS10; TDP-43
Gene ID	23435.0
SwissProt ID	Q13148.Purified recombinant fragment of human TDP43 (AA: free peptide) expressed in E. Coli.

Application

Dilution Ratio	WB:1:500-1:2000,IHC:1:200-1:1000,ICC:1:200-1:1000,FC:1:200-1:400,ELISA:1:10000
Molecular Weight	44.7kDa

Background

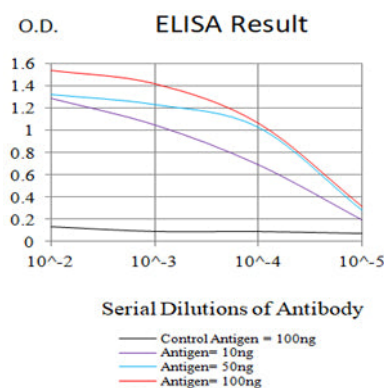
Product Name: TDP43 Mouse Monoclonal Antibody
Catalog #: AMM83012



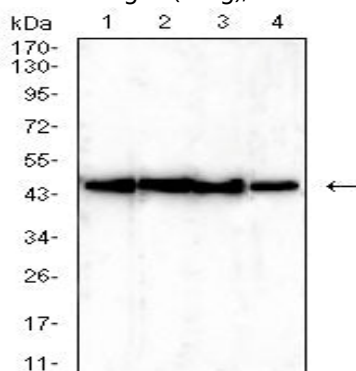
HIV-1, the causative agent of acquired immunodeficiency syndrome (AIDS), contains an RNA genome that produces a chromosomally integrated DNA during the replicative cycle. Activation of HIV-1 gene expression by the transactivator Tat is dependent on an RNA regulatory element (TAR) located downstream of 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]

Research Area

Image Data

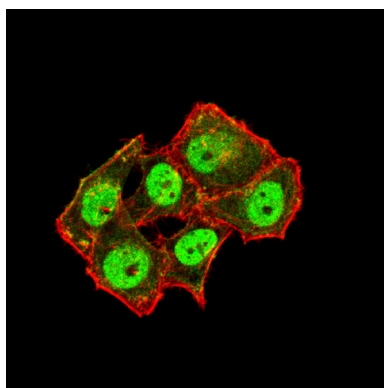


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

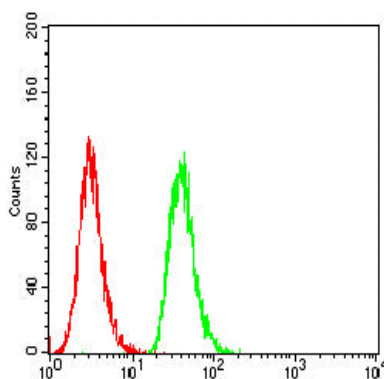


Western blot analysis using TDP43 mouse mAb against Hela (1), HEK293 (2), MCF-7 (3), and A549 (4) cell lysate.

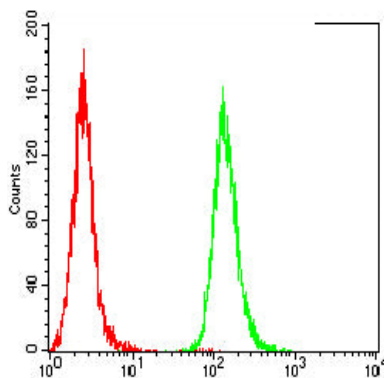
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Immunofluorescence analysis of HeLa cells using TDP43 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

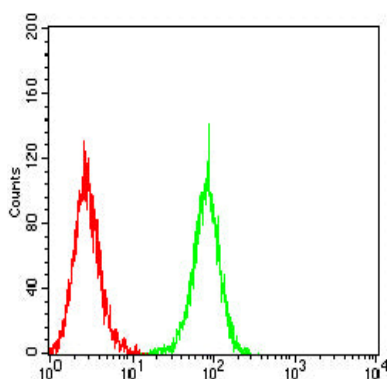


Flow cytometric analysis of A431 cells using TDP43 mouse mAb (green) and negative control (red).

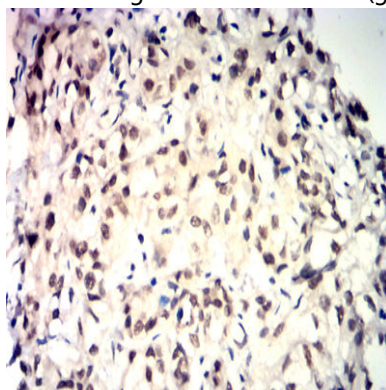


Flow cytometric analysis of HeLa cells using TDP43 mouse mAb (green) and negative control (red).

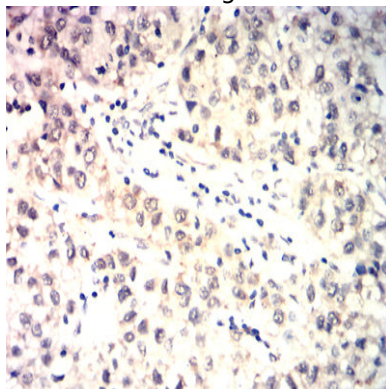
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Flow cytometric analysis of HepG2 cells using TDP43 mouse mAb (green) and negative control (red).

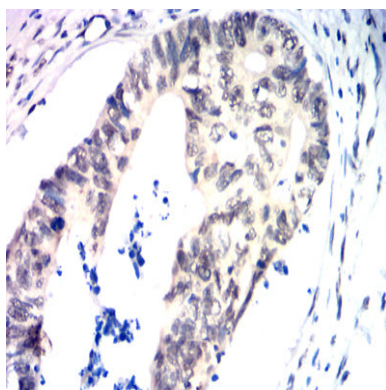


Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using TDP43 mouse mAb with DAB staining.



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

Product Name: TDP43 Mouse Monoclonal Antibody
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Immunohistochemical analysis of paraffin-embedded human rectal cancer tissues using TDP43 mouse mAb with DAB staining.

Note

For research use only.