

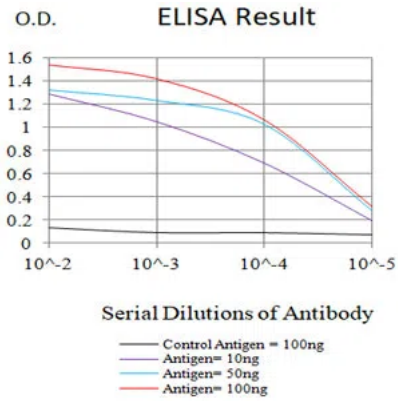


<b>Product name:</b>	TDP43 Mouse Monoclonal Antibody
<b>Cat number:</b>	MABN83012
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100ul
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Mouse
<b>Isotype:</b>	Mouse IgG1
<b>Immunogen:</b>	Purified recombinant fragment of human TDP43 (AA: free peptide) expressed in E. Coli.
<b>Reactivity:</b>	Human
<b>Applications:</b>	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
<b>Molecular Weight:</b>	7kDa
<b>Purification:</b>	Affinity purification
<b>Form:</b>	liquid
<b>Buffer:</b>	Purified antibody in PBS with 0.05% sodium azide
<b>Storage:</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Synonyms:</b>	ALS10; TDP-43
<b>Source:</b>	Mouse
<b>Background:</b>	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]

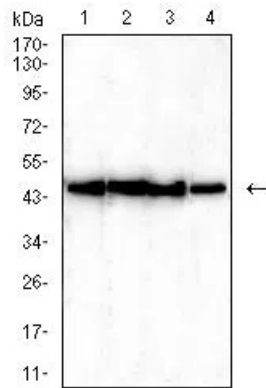
**For Research Use Only**

**IMMUNOLOGICAL SCIENCES**

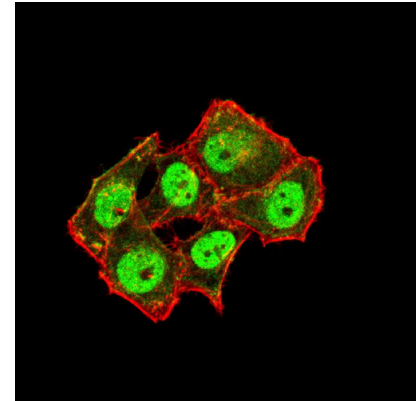
Web-site: <https://immunologicalsciences.com> - E-mail: [info@immunologicalsciences.com](mailto:info@immunologicalsciences.com)



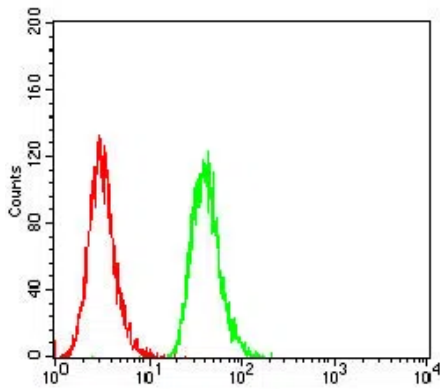
Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



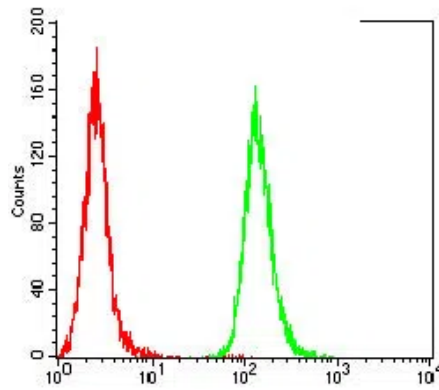
Western blot analysis using TDP43 mouse mAb against HeLa (1), HEK293 (2), MCF-7 (3), and A549 (4) cell lysate.



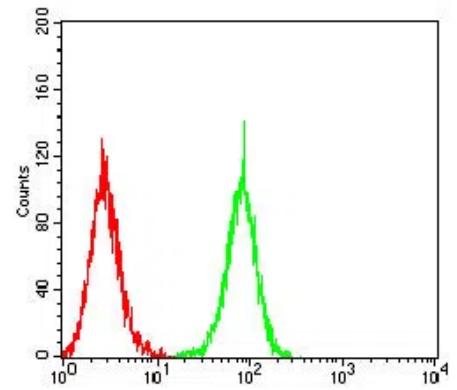
Immunofluorescence analysis of HeLa cells using TDP43 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



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

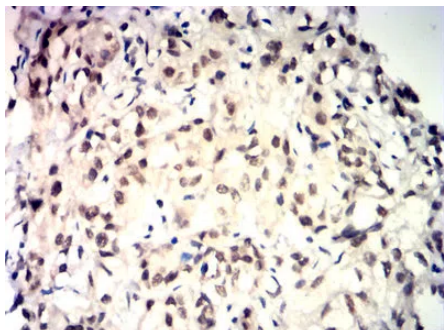


Flow cytometric analysis of HeLa cells using TDP43 mouse mAb (green) and negative control (red).

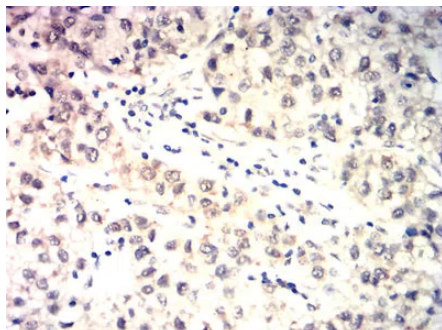


Flow cytometric analysis of HepG2 cells using TDP43 mouse mAb (green) and negative control (red).

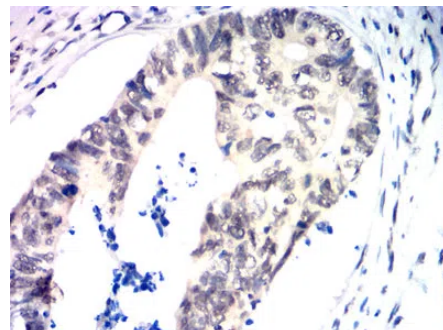
**For Research Use Only  
IMMUNOLOGICAL SCIENCES**



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.



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

**For Research Use Only**

**IMMUNOLOGICAL SCIENCES**

Web-site: <https://immunologicalsciences.com> - E-mail: [info@immunologicalsciences.com](mailto:info@immunologicalsciences.com)