

Datasheet for ABIN7193979
anti-TARDBP antibody



[Go to Product page](#)

9 Images

Overview

Quantity:	100 µL
Target:	TARDBP
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TARDBP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Purpose:	TDP43 Antibody
Immunogen:	Purified recombinant fragment of human TDP43 (AA: free peptide) expressed in E. Coli.
Clone:	6G2D8
Isotype:	IgG1
Purification:	Purified antibody

Target Details

Target:	TARDBP
Alternative Name:	TDP43 (TARDBP Products)
Background:	Description:

Target Details

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]

Aliases: ALS10, TDP-43

Molecular Weight: 44.7kDa

Gene ID: 23435

Pathways: [Positive Regulation of Peptide Hormone Secretion](#)

Application Details

Application Notes: ELISA: 1/10000
FCM: 1/200 - 1/400
ICC: 1/200 - 1/1000

Restrictions: For Research Use only

Handling

Format: Liquid

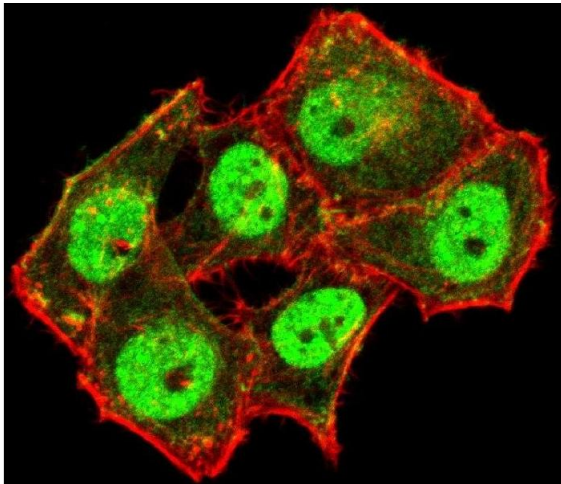
Buffer: Purified antibody in PBS with 0.05 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

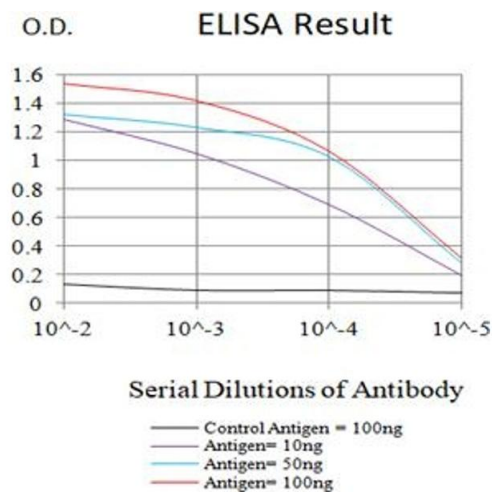
Storage: 4 °C,-20 °C

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



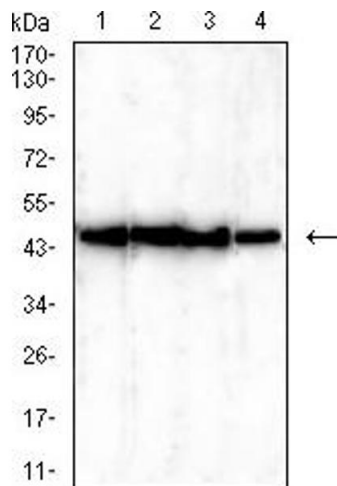
Immunofluorescence

Image 1. 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)



ELISA

Image 2. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)



Western Blotting

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

Please check the [product details page](#) for more images. Overall 9 images are available for ABIN7193979.