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TARDBP Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant TARDBP.
Catalog # AT4154a

Specification

TARDBP Antibody (monoclonal) (M01) - Product Information

Application	IF, IP, WB, IHC, E
Primary Accession	Q13148
Other Accession	BC001487
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	44740

TARDBP Antibody (monoclonal) (M01) - Additional Information

Gene ID 23435

Other Names
TAR DNA-binding protein 43, TDP-43, TARDBP, TDP43

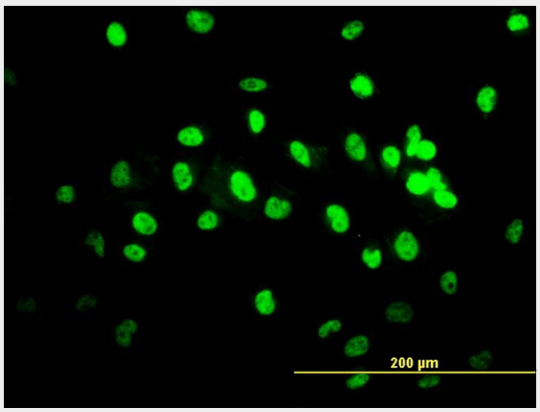
Target/Specificity
TARDBP (AAH01487.1, 1 a.a. ~ 260 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

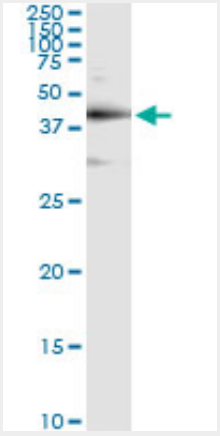
Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
TARDBP Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.



Immunofluorescence of monoclonal antibody to TARDBP on HeLa cell. [antibody concentration 10 ug/ml]



Immunoprecipitation of TARDBP transfected lysate using anti-TARDBP monoclonal antibody and Protein A Magnetic Bead (U0007), and immunoblotted with TARDBP MaxPab rabbit polyclonal antibody.

TARDBP Antibody (monoclonal) (M01) - Protocols

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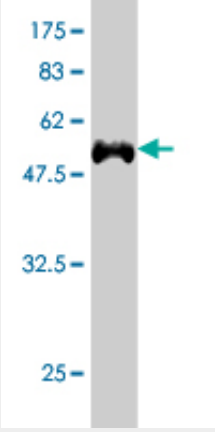
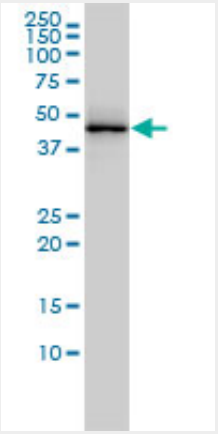
Provided below are standard protocols that you may find useful for product applications.

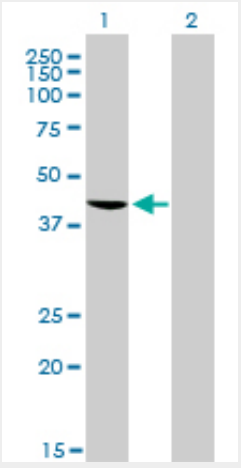
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (54.34 KDa) .



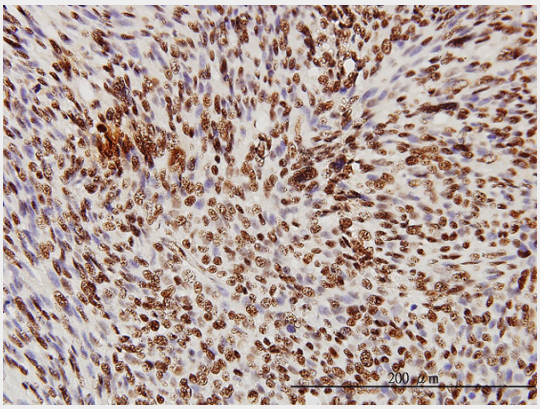
TARDBP monoclonal antibody (M01), clone 2E2-D3 Western Blot analysis of TARDBP expression in A-431 ((Cat # AT4154a)



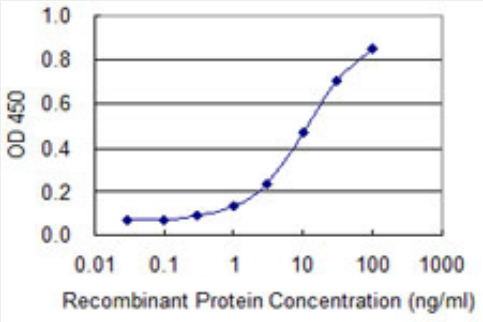
Western Blot analysis of TARDBP expression in transfected 293T cell line by TARDBP monoclonal antibody (M01), clone 2E2-D3.

Lane 1: TARDBP transfected lysate(44.7 KDa).

Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to TARDBP on formalin-fixed paraffin-embedded human leiomyosarcoma tissue [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged TARDBP is 0.3 ng/ml as a capture antibody.

TARDBP Antibody (monoclonal) (M01) - 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]

TARDBP Antibody (monoclonal) (M01) - References

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