

Mouse anti-Human TARDBP Monoclonal Antibody | anti-TARDBP antibody

TARDBP (TAR DNA-binding Protein 43, TDP43, TDP-43, ALS10) (FITC)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25272	Mouse	Human	ELISA, Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Western Blot

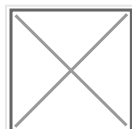
PRODUCT SYNONYMS

TARDBP; Monoclonal Antibody; TARDBP (TAR DNA-binding Protein 43; TDP43; TDP-43; ALS10) (FITC); anti-TARDBP antibody

PRODUCT SPECIFICATIONS

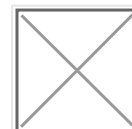
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	2E2-D3
Specificity	Recognizes human TARDBP.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Applicable Applications for anti-TARDBP antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Full length recombinant corresponding to aa1-261 from TARDBP (AAH01487) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MSEYIRVTEDENDIEIPSEDDGTVLLSTVTAQFPGACGLRYRNPVSQCMRGVRLVEGILHAPDAGWGNLVVYNYPKDNKRKMDDETASSAVKVKRA
Conjugate	FITC
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES



WB (Western Blot)

Western Blot detection against Immunogen (54.71kD).



WB (Western Blot)

TARDBP monoclonal antibody Western Blot analysis of TARDBP expression in A-431.



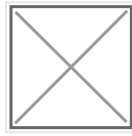
WB (Western Blot)

Western blot analysis of TARDBP over-expressed 293 cell line, cotransfected with TARDBP Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with TARDBP monoclonal antibody. GAPDH (36.1kD) used as specificity and loading control.



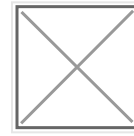
Application Data

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



IP (Immunoprecipitation)

Immunoprecipitation of TARDBP transfected lysate using TARDBP monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with TARDBP rabbit polyclonal antibody.



IF (Immunofluorescence)

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

ADDITIONAL INFORMATION

Product Categories/Family for anti-TARDBP antibody

[Antibodies](#); [Binding Proteins](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	33876276
NCBI GeneID	23435
Molecular Weight	31,808 Da
NCBI Official Full Name	Homo sapiens TAR DNA binding protein, mRNA
NCBI Official Synonym Full Names	TAR DNA binding protein
NCBI Official Symbol	TARDBP
NCBI Official Synonym Symbols	ALS10; TDP-43
NCBI Protein Information	TAR DNA-binding protein 43

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/tardbp-antibody-clone-2e2-d3-immunofluorescence-immunohistochemistry-immunoprecipitation-western-blot-elisa/25272>