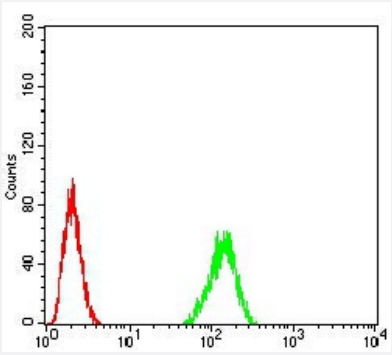
TARDBP monoclonal antibody, clone 7F9A6

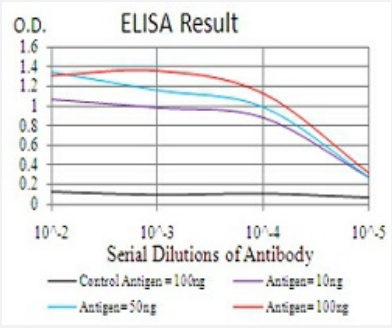
Catalog # MAB16739 Size 100 ug

Applications



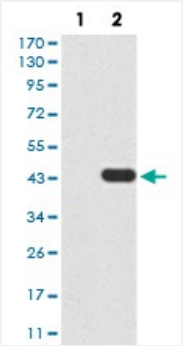
Flow Cytometry

Flow cytometric analysis of Hela cells with TARDBP monoclonal antibody (green) and negative control (red).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of TARDBP monoclonal antibody, clone 7F9A6.



Western Blot (Transfected lysate)

Western blot analysis of Lane 1: HEK293 cell; Lane 2: TARDBP-hIgGFc transfected HEK293 cell with TARDBP monoclonal antibody.

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human TARDBP.

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Immunogen	Recombinant protein corresponding to amino acid 126-260 of human TARDBP from *E. coli*.
Host	Mouse
Theoretical MW (kDa)	44.7
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunohistochemistry Immunocytochemistry Flow Cytometry (1:200-1:400) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Flow Cytometry

  Flow cytometric analysis of Hela cells with TARDBP monoclonal antibody (green) and negative control (red).

- Enzyme-linked Immunoabsorbent Assay

  ELISA analysis of TARDBP monoclonal antibody, clone 7F9A6.

- Western Blot (Transfected lysate)

  Western blot analysis of Lane 1: HEK293 cell; Lane 2: TARDBP-hIgGFc transfected HEK293 cell with TARDBP monoclonal antibody.

Gene Info — TARDBP

Entrez GeneID	23435
Gene Name	TARDBP

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Gene Alias	ALS10, TDP-43
Gene Description	TAR DNA binding protein
Omim ID	605078
Gene Ontology	Hyperlink
Gene Summary	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
Other Designations	OTTHUMP00000002171|TAR DNA-binding protein-43

Disease

- Alzheimer Disease
- Amyotrophic lateral sclerosis
- Chromosome Disorders
- Dementia
- Genetic Predisposition to Disease
- Neurodegenerative Diseases
- Parkinson disease

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