



Anti-TARDBP monoclonal antibody, clone 4I9 (DCABH-34)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to TARDBP
Antigen Description	DNA and RNA-binding protein which regulates transcription and splicing. Involved in the regulation of CFTR splicing. It promotes CFTR exon 9 skipping by binding to the UG repeated motifs in the polymorphic region near the 3-splice site of this exon. The resulting aberrant splicing is associated with pathological features typical of cystic fibrosis. May also be involved in microRNA biogenesis, apoptosis and cell division. Can repress HIV-1 transcription by binding to the HIV-1 long terminal repeat. Stabilizes the low molecular weight neurofilament (NFL) mRNA through a direct interaction with the 3' UTR.
Immunogen	Recombinant full length Human His-tagged TARDBP, expressed in E.coli
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Mouse, Rat, Human
Clone	4I9
Conjugate	Unconjugated
Applications	WB, ICC/IF, Flow Cyt
Positive Control	Mouse brain tissue lysate, rat brain tissue.
Format	Liquid
Size	50 µl
Buffer	Preservative: None; Constituents: Ascites

Storage	store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
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Ship	Shipped at 4°C.
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GENE INFORMATION

Gene Name	TARDBP TAR DNA binding protein [Homo sapiens]
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Official Symbol	TARDBP
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Synonyms	TARDBP; TAR DNA binding protein; TAR DNA-binding protein 43; ALS10; TDP 43; TAR DNA-binding protein-43; TDP-43;
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Entrez Gene ID	23435
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Protein Refseq	NP_031401
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UniProt ID	A0A024R4E2
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Chromosome Location	1p36.22
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Function	DNA binding; RNA binding; double-stranded DNA binding; mRNA 3-UTR binding; nucleotide binding; protein binding; sequence-specific DNA binding transcription factor activity;
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