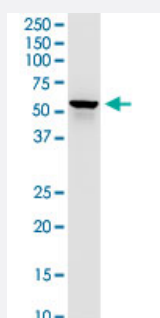


DLST monoclonal antibody (M01), clone 4D7

Catalog # H00001743-M01

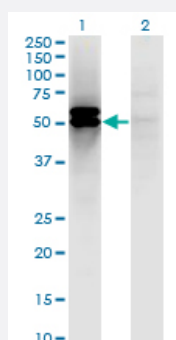
Size 100 ug

Applications



Western Blot (Cell lysate)

DLST monoclonal antibody (M01), clone 4D7. Western Blot analysis of DLST expression in PC-12.

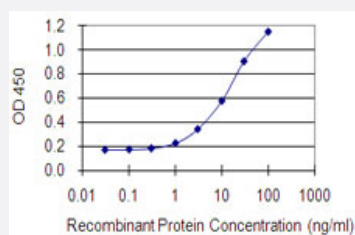


Western Blot (Transfected lysate)

Western Blot analysis of DLST expression in transfected 293T cell line by DLST monoclonal antibody (M01), clone 4D7.

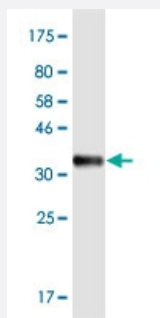
Lane 1: DLST transfected lysate (Predicted MW: 48.8 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

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



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant DLST.
Immunogen	DLST (NP_001924, 1 a.a. ~ 99 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MLSRSRCVSRAFSRSLSAFQKGNCPLGRRSLPGVSLCQGPYPNSRKVVINNSVFSVRFFRTTA VCKDDLVTVKTPAFAESVTEGDVRWEKAVGDTVAE
Host	Mouse
Reactivity	Human, Rat
Interspecies Antigen Sequence	Mouse (87); Rat (91)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

DLST monoclonal antibody (M01), clone 4D7. Western Blot analysis of DLST expression in PC-12.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of DLST expression in transfected 293T cell line by DLST monoclonal antibody (M01), clone 4D7.

Lane 1: DLST transfected lysate (Predicted MW: 48.8 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

Gene Info — DLST

Entrez GeneID	1743
---------------	----------------------

GeneBank Accession#	NM_001933
---------------------	---------------------------

Protein Accession#	NP_001924
--------------------	---------------------------

Gene Name	DLST
-----------	------

Gene Alias	DLTS
------------	------

Gene Description	dihydrolipoamide S-succinyltransferase (E2 component of 2-oxo-glutarate complex)
------------------	--

Omim ID	126063
---------	------------------------

Gene Ontology	Hyperlink
---------------	---------------------------

Other Designations	-
--------------------	---

Pathway

- [Biosynthesis of alkaloids derived from histidine and purine](#)
- [Biosynthesis of alkaloids derived from ornithine](#)

- [Biosynthesis of alkaloids derived from shikimate pathway](#)
- [Biosynthesis of alkaloids derived from terpenoid and polyketide](#)
- [Biosynthesis of phenylpropanoids](#)
- [Biosynthesis of plant hormones](#)
- [Biosynthesis of terpenoids and steroids](#)
- [Citrate cycle \(TCA cycle\)](#)
- [Lysine degradation](#)
- [Metabolic pathways](#)

Disease

- [Alcoholism](#)
- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Cognition Disorders](#)
- [Diabetes Complications](#)
- [Genetic Predisposition to Disease](#)
- [Korsakoff Syndrome](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Tobacco Use Disorder](#)