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anti-DLST antibody (AA 1-99)





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Overview

Quantity:	100 μg
Target:	DLST
Binding Specificity:	AA 1-99
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DLST antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant DLST.
lmmunogen:	DLST (NP_001924, 1 a.a. \sim 99 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MLSRSRCVSR AFSRSLSAFQ KGNCPLGRRS LPGVSLCQGP GYPNSRKVVI NNSVFSVRFF RTTAVCKDDL VTVKTPAFAE SVTEGDVRWE KAVGDTVAE
Clone:	4D7
Isotype:	lgG2b
Cross-Reactivity:	Human, Rat
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	DLST
Alternative Name:	DLST (DLST Products)
Background:	Full Gene Name: dihydrolipoamide S-succinyltransferase (E2 component of 2-oxo-glutarate complex) Synonyms: DLTS
Gene ID:	1743
NCBI Accession:	NM_001933

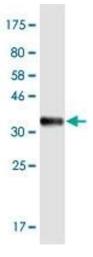
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

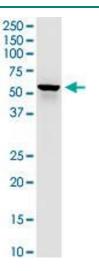
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



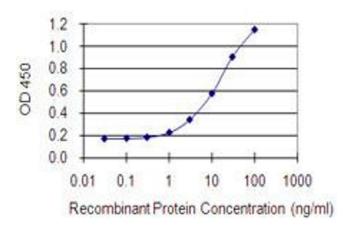
Western Blotting

 $\label{eq:mage 1.} \textbf{Image 1.} \ \textbf{Western Blot detection against Immunogen (36.63 KDa)} \ .$



Western Blotting

Image 2. DLST monoclonal antibody (M01), clone 4D7. Western Blot analysis of DLST expression in PC-12.



ELISA

Image 3. Detection limit for recombinant GST tagged DLST is 0.3 ng/ml as a capture antibody.

Please check the product details page for more images. Overall 4 images are available for ABIN1774880.