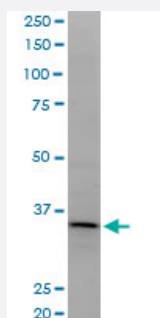


LDB3 monoclonal antibody (M04), clone 2C1

Catalog # H00011155-M04

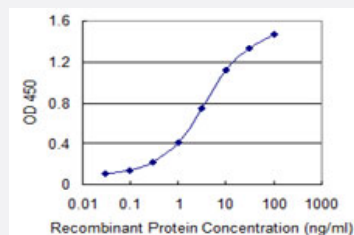
Size 100 ug

Applications



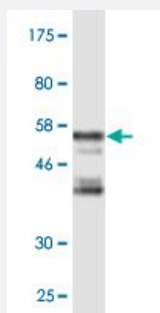
Western Blot (Cell lysate)

LDB3 monoclonal antibody (M04), clone 2C1. Western Blot analysis of LDB3 expression in A-431(Cat # L015V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged LDB3 is 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (56.87 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant LDB3.

Immunogen	LDB3 (AAH10929, 1 a.a. ~ 283 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSYSVTLTGPGPWGFR LQGGKDFNMPLTISRITPGSKAAQS QLSQGD LVVAIDGVNTDTMTHLEA QNKIKSASYNLSLTLQKSKRPISTTAPPVQTPLPVIPHQKV VVNSPANADYQERFNPSALKDSALSTHKPIEVKGLGGKATIIHAQYNTPISMYSQDAIMDAIAGQAQAQGSDFSGSLPIKDLAVDSASPVYQAVIKSQNKPEDEADEWARRSSNLQSRSFRLAQMTGTEFMQDPDEEALRRSRERFETERNSPRFAKLRNWHHGLSAQILNVKS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (95)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (56.87 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)

LDB3 monoclonal antibody (M04), clone 2C1. Western Blot analysis of LDB3 expression in A-431(Cat # L015V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged LDB3 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — LDB3

Entrez GeneID	11155
GeneBank Accession#	BC010929
Protein Accession#	AAH10929
Gene Name	LDB3
Gene Alias	CYPHER, FLJ35865, KIAA01613, KIAA0613, ORACLE, PDLIM6, ZASP, ldb3z1, ldb3z4
Gene Description	LIM domain binding 3
Omim ID	605906 609452
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a PDZ domain-containing protein. PDZ motifs are modular protein-protein interaction domains consisting of 80-120 amino acid residues. PDZ domain-containing proteins interact with each other in cytoskeletal assembly or with other proteins involved in targeting and clustering of membrane proteins. The protein encoded by this gene interacts with alpha-actinin-2 through its N-terminal PDZ domain and with protein kinase C via its C-terminal LIM domains. The LIM domain is a cysteine-rich motif defined by 50-60 amino acids containing two zinc-binding modules. This protein also interacts with all three members of the myozenin family. Mutations in this gene have been associated with myofibrillar myopathy and dilated cardiomyopathy. Alternatively spliced transcript variants encoding different isoforms have been identified; all isoforms have N-terminal PDZ domains while only longer isoforms (1 and 2) have C-terminal LIM domains. [provided by RefSeq]
Other Designations	OTTHUMP00000020008 OTTHUMP00000020009 PDZ and LIM domain 6

Disease

- [Alzheimer Disease](#)
- [Cardiomyopathy](#)
- [Genetic Predisposition to Disease](#)
- [Muscular Dystrophies](#)