

Datasheet: VMA00141

Description:	MOUSE ANTI DLD
Specificity:	DLD
Format:	Purified
Product Type:	PrecisionAb™ Monoclonal
Clone:	OTI6D5
Isotype:	IgG1
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	■			1/1000

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependant on sample type.

Target Species	Human
Species Cross Reactivity	Reacts with: Mouse, Rat N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Preparation	Mouse monoclonal antibody purified by affinity chromatography from ascites.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin 50% Glycerol
Immunogen	Full length recombinant human DLD (NP_000099) produced in HEK293T cells
External Database Links	UniProt: P09622 Related reagents Entrez Gene: 1738 DLD Related reagents

Synonyms	GCSL, LAD, PHE3
Specificity	Mouse anti Human DLD antibody recognizes dihydrolipoyl dehydrogenase (DLD), also known as E3 component of pyruvate dehydrogenase complex, 2-oxo-glutarate complex, branched chain keto acid dehydrogenase complex, diaphorase, mitochondrial, glycine cleavage system L protein, glycine cleavage system protein L, lipoamide dehydrogenase, lipoamide reductase and lipoyl dehydrogenase. Dihydrolipoamide dehydrogenase is a component of the pyruvate dehydrogenase complex, the alpha-ketoglutarate dehydrogenase complex, and the branched-chain alpha-keto acid dehydrogenase complex. Mutations in DLD have been identified in patients with E3-deficient maple syrup urine disease and lipoamide dehydrogenase deficiency (provided by RefSeq, Jul 2008). Mouse anti Human DLD antibody detects a band of 54 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.
Western Blotting	Anti DLD detects a band of approximately 54 kDa in K562 cell lysates.
Instructions For Use	Please refer to the PrecisionAb western blotting protocol . For additional information on secondary antibody dilution and exposure time see product web page.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
Shelf Life	As supplied, 12 months from date of despatch.
Acknowledgements	PrecisionAb™ is a trademark of Bio-Rad Laboratories.
Health And Safety Information	Material Safety Datasheet documentation #10048 available at: Antibody (10048): https://www.bio-rad-antibodies.com/uploads/MSDS/10048.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (H/L) (STAR207...) [HRP](#)

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

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