

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

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. 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 dependent on sample type.

Target Species

Human

Species Cross Reactivity

Reacts with: Mouse, Rat

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

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 (NaN₃)
1% Bovine Serum Albumin
50% Glycerol

Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	Full length recombinant human DLD (NP_000099) produced in HEK293T cells
External Database Links	<p>UniProt: P09622 Related reagents</p> <p>Entrez Gene: 1738 DLD Related reagents</p>
Synonyms	GCSL, LAD, PHE3
Specificity	<p>Mouse anti Human DLD antibody, clone OTI6D5 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.</p> <p>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).</p> <p>Mouse anti Human DLD antibody detects a band of 54 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Anti DLD detects a band of approximately 54 kDa in K562 cell lysates.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
Guarantee	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: https://www.bio-rad-antibodies.com/SDS/VMA00141 Antibody (10048)
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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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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