

Datasheet: VMA00375KT

Description:	DISHEVELLED 2 ANTIBODY WITH CONTROL LYSATE
Specificity:	DISHEVELLED 2
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	OTI7C7
Isotype:	IgG1
Quantity:	2 Westerns

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
Product Form	Purified IgG - liquid
Preparation	20µl 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	Recombinant protein fragment corresponding to aa 1-320 of human dishevelled 2 (NP_004413) produced in <i>E.coli</i>
External Database	UniProt:

Entrez Gene:

Specificity	<p>Mouse anti Human dishevelled 2 antibody recognizes dishevelled 2 also known as dishevelled homolog DVL-2 (homologous to Drosophila dsh), dsh homolog 2 and segment polarity protein dishevelled homolog DVL-2.</p> <p>The DVL2 gene encodes a 90 kDa protein that undergoes posttranslational phosphorylation to form a 95 kDa cytoplasmic protein, which may play a role in the signal transduction pathway mediated by multiple Wnt proteins.. The vertebrate dsh proteins have approximately 40% amino acid sequence similarity with Drosophila dsh (provided by RefSeq, Jul 2008).</p> <p>Mouse anti Human dishevelled 2 antibody detects a band of 90-95 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p>
Western Blotting	Anti dishevelled 2 detects a band of approximately 90-95 kDa in Jurkat 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.
Lysate Composition	400µg Jurkat lysate lyophilized in RIPA buffer
Lysate Reconstitution	<ul style="list-style-type: none">- If using DDT reconstitute the lyophilized lysate with 190µl DI H₂O, add 200µl 2x Laemmli Sample Buffer and 10µl 2M DTT.- If using BME reconstitute the lyophilized lysate with 180µl DI H₂O, add 200µl 2x Laemmli Sample Buffer and 20µl BME. <p>Heat at 95°C for 5 minutes. For 10 well mini gels load 25µl. For other gel and comb formats please refer to the PrecisionAb western blotting protocol.</p>
Storage	<p>Antibody: Store undiluted at -20°C, avoiding repeated freeze thaw cycles.</p> <p>Lysate: Store lyophilized lysate at -20°C. After reconstitution aliquot and store at -20°C for up to 3 months or at -80°C for longer term storage.</p>
Guarantee	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 #10561 available at: Antibody (10048): https://www.bio-rad-antibodies.com/uploads/MSDS/10048.pdf Lysate Material (10561): https://www.bio-rad-antibodies.com/uploads/MSDS/10561.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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