

Datasheet: VMA00181

Description:	MOUSE ANTI TSC1
Specificity:	TSC1
Format:	Purified
Product Type:	PrecisionAb™ Monoclonal
Clone:	OT13A2
Isotype:	IgG2a
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
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	Human recombinant protein fragment corresponding to amino acids 836-1164 of human TSC1 (NP_000359) produced in <i>E. coli</i>
External Database Links	UniProt: Q92574 Related reagents Entrez Gene: 7248 TSC1 Related reagents
Synonyms	KIAA0243, TSC

Specificity	Mouse anti Human TSC1 antibody recognizes TSC1, also known as hamartin and tuberous sclerosis 1 protein. TSC1 encodes a growth inhibitory protein thought to play a role in the stabilization of tuberin. Mutations in TSC1 have been associated with tuberous sclerosis. Alternative splicing results in multiple transcript variants (provided by RefSeq, Jun 2009). Mouse anti Human TSC1 antibody detects a band of 150 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.
Western Blotting	Anti TSC1 detects a band of approximately 150 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.
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 IgG2a NEGATIVE CONTROL \(MCA929\)](#)

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