Datasheet: VMA00872 BATCH NUMBER 157718

Description:	ription: MOUSE ANTI RHOA	
Specificity:	RHOA	
Format:	Purified	
Product Type:	PrecisionAb Monoclonal	
Clone:	21E2-C5	
Isotype:	lgG2b	
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 <u>www.bio-rad-antibodies.com/protocols</u>.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	•			1/500 - 1/2000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click <u>here</u> 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	
Product Form	Purified IgG - liquid	
Preparation	Mouse monoclonal antibody purified by affinity chromatograph culture supernatant	y on Protein A from tissue
Buffer Solution	Phosphate buffered saline	
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)	
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml	
Immunogen	Synthetic peptide corresponding to RhoA amino acids 159 to 1	90

External Database Links	UniProt: <u>P61586</u> <u>Related reagents</u>	
	Entrez Gene:	
Synonyms		
oynonymo		
Specificity	Mouse anti RhoA antibody recognizes transforming protein RhoA, also known as ARH12.	
	RhoA is a ubiquitously-expressed small GTPase with important roles in cytoskeletal rearrangement, regulation of cell morphology and movement, and transcription. Like other GTPases, it cycles between an inactive GDP-bound state and an active GTP-bound state through exchange of GDP for GTP (<u>Choi et al. 2020</u>). Like many other GTPases, RhoA has been found to play roles in almost all stages of tumor progression including proliferation, migration, invasion and metastasis. Its activation has been shown to contribute to oncogenic transformation of a range of cell types (<u>Dopeso et al. 2018</u>).	
	Mouse anti RhoA antibody recognizes epitope sequence corresponding to amino acids 171 to 177 of RhoA.	
Western Blotting	Anti RHOA detects a band of approximately 20 kDa	
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 #10040 available at: https://www.bio-rad-antibodies.com/SDS/VMA00872 10040	
Regulatory	For research purposes only	
orth & South Tel: +1 800 26 merica Fax: +1 919 8 Email: antibod	5 7376 Worldwide Tel: +44 (0)1865 852 700 Europe Tel: +49 (0) 89 8090 95 21 78 3751 Fax: +44 (0)1865 852 739 Fax: +49 (0) 89 8090 95 50 y_sales_us@bio-rad.com Email: antibody_sales_uk@bio-rad.com Email: antibody_sales_de@bio-rad.com	
To find a batch/lot spe	cific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets 'M390666:210927'	
	Printed on 13 Aug 2023	

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