

Datasheet: MCA154A647

Description:	MOUSE ANTI RAT CD2:Alexa Fluor® 647				
Specificity:	CD2				
Other names:	E-ROSETTE RECEPTOR, LFA-2				
Format:	ALEXA FLUOR® 647				
Product Type:	Monoclonal Antibody				
Clone:	OX-34				
Isotype:	lgG2a				
Quantity:	100 TESTS/1ml				

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			
	Flow Cytometry	•			Neat			
	Where this product has not been tested for use in a particular technique this does not							
	necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.							
Target Species	Rat							
Product Form	Purified IgG conjugated to Alexa Fluor® 647 - liquid							
Max Ex/Em	Fluorophore	Excitation Max	(nm)	Emission Max (nm)				
	Alexa Fluor®647	650		665				
Preparation	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant							
Buffer Solution	Phosphate buffered saline							
Preservative	0.09% sodium azide (NaN ₃)							
Stabilisers	1% bovine serum albu	ımin						
Approx. Protein Concentrations	IgG concentration 0.0	5 mg/ml						

	 behaviours during mesoderm layer formation in <i>Drosophila</i>. <u>Development</u>. 138: 2705-15. 13. Domanitskaya, E. and Schüpbach, T. (2012) CoREST acts as a positive regulator of Notch signaling in the follicle cells of <i>Drosophila melanogaster</i>. <u>J Cell Sci</u>. 125: 399-410. 14. Dragovic, R.A. <i>et al.</i> (2015) Isolation of syncytiotrophoblast microvesicles and exosomes and their characterisation by multicolour flow cytometry and fluorescence Nanoparticle Tracking Analysis. <u>Methods</u>. 87: 64-74. 15. Zecca, M. & Struhl, G. (2021) A unified mechanism for the control of <i>Drosophila</i>. wing growth by the morphogens Decapentaplegic and Wingless. <u>PLoS Biol</u>. 19 (3): e3001111.
Storage	This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. This product is photosensitive and should be protected from light.
Guarantee	12 months from date of despatch
Acknowledgements	This product is provided under an intellectual property licence from Life Technologies Corporation. The transfer of this product is contingent on the buyer using the purchase product solely in research, excluding contract research or any fee for service research, and the buyer must not sell or otherwise transfer this product or its components for (a) diagnostic, therapeutic or prophylactic purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; (c) manufacturing or quality assurance or quality control, or (d) resale, whether or not resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad CA 92008 USA or outlicensing@thermofisher.com
Health And Safety Information	Material Safety Datasheet documentation #10041 available at: https://www.bio-rad-antibodies.com/SDS/MCA154A647 10041
Regulatory	For research purposes only

Related Products

Recommended Negative Controls

MOUSE IgG2a NEGATIVE CONTROL:Alexa Fluor® 647 (MCA1210A647)

North & South	Tel: +1 800 265 7376 Wor	rldwide	Tel: +44 (0)1865 852 700	Europe	Tel: +49 (0) 89 8090 95 21
America	Fax: +1 919 878 3751		Fax: +44 (0)1865 852 739		Fax: +49 (0) 89 8090 95 50
	Email: antibody_sales_us@bio-rad.com		Email: antibody_sales_uk@bio-rad	l.com	Email: antibody_sales_de@bio-rad.com

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets 'M431589:240730'

Printed on 30 Jul 2024

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