

Datasheet: MCA1557A647 BATCH NUMBER 0812

Description:	MOUSE ANTI HUMAN CD105:Alexa Fluor® 647
Specificity:	CD105
Other names:	ENDOGLIN
Format:	ALEXA FLUOR® 647
Product Type:	Monoclonal Antibody
Clone:	SN6
Isotype:	lgG1
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 - 1/10	
	Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.				
Target Species	Human				
Species Cross Reactivity	Reacts with: Horse, Cynomolgus monkey, Rhesus Monkey Based on sequence similarity, is expected to react with:Primate 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 conjugated to Alexa Fluor® 647- liquid				
Max Ex/Em	Fluorophore Alexa Fluor®647	Excitation Max (nm) 650	Emission Max (nm) 665		
Preparation	Purified IgG prepared supernatant	by affinity chromatog	raphy on Protein G fror	m tissue culture	

Buffer Solution	Phosphate buffered saline
Preservative	0.09% Sodium Azide
Stabilisers	1% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 0.05 mg/ml
Immunogen	Partially purified cell membrane antigens from fresh leukemia cells
External Database	
Links	UniProt:
	P17813 Related reagents
	Entrez Gene:
	2022 ENG <u>Related reagents</u>
	ZUZZ EING INCHALEG TEAGENIS
Synonyms	END
RRID	AB_324760
Fusion Partners	Spleen cells from immunised BALB/c mice were fused with cells of the mouse P3/NS1
	/1-Ag4-1 myeloma cell line
Specificity	Mouse anti Human CD105 antibody, clone SN6 recognizes the human endoglin, also
	known as CD105. CD105 is a glycoprotein homodimer of ~95 kDa subunits expressed by
	endothelial cells, activated monocytes and some leukemia cells.
Flow Cytometry	Use 10ul of the suggested working dilution to label 10 ⁶ cells in 100ul.
References	1. Hauser, P.V. et al. (2010) Stem cells derived from human amniotic fluid contribute to
	acute kidney injury recovery. Am J Pathol. 177: 2011-21.
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	of human umbilical cord blood-derived mesenchymal stem cells. Cell Mol Life Sci. 67 (11):
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Further Reading	1. Burk, J. <i>et al.</i> (2013) Equine cellular therapyfrom stall to bench to bedside? Cytometry
	<u>A 83 (1): 103-13.</u>
	2. Carrade, D.D. <i>et al.</i> (2012) Comparative Analysis of the Immunomodulatory Properties
	of Equine Adult-Derived Mesenchymal Stem Cells. <u>Cell Med. 4: 1-11.</u>
Storage	Store at +4°C or at -20°C if preferred.
	This product should be stored undiluted.
	Storage in frost free freezers is not recommended. This product is photosensitive and
	should be protected from light.
	Avoid repeated freezing and thawing as this may denature the antibody. Should this

	product contain a precipitate we recommend microcentrifugation before use.		
Guarantee	12 months from date of despatch		
Acknowledgements	This product is provided under an intellectual property licence for Corporation. The transfer of this product is contingent on the bu- product solely in research, excluding contract research or any for and the buyer must not sell or otherwise transfer this product or diagnostic, therapeutic or prophylactic purposes; (b) testing, and services, or information in return for compensation on a per-test or quality assurance or quality control, or (d) resale, whether or research. For information on purchasing a license to this product as described above, contact Life Technologies Corporation, 575 CA 92008 USA or outlicensing@thermofisher.com	yer using the purchase ee for service research, its components for (a) alysis or screening t basis; (c) manufacturing not resold for use in ct for purposes other than	
Health And Safety Information	Material Safety Datasheet documentation #10041 available at: https://www.bio-rad-antibodies.com/SDS/MCA1557A647 10041		
Regulatory	For research purposes only		

Related Products

Recommended Negative Controls

MOUSE IgG1 NEGATIVE CONTROL:Alexa Fluor® 647 (MCA928A647)

Recommended Useful Reagents

HUMAN SEROBLOCK (BUF070A) HUMAN SEROBLOCK (BUF070B)

North & South	Tel: +1 800 265 7376 Worldwide	Tel: +44 (0)1865 852 700 Eur	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.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 'M365432:200529'

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