

Datasheet: MCA1557SBY665

Description:	MOUSE ANTI HUMAN CD105:StarBright Yellow 665
Specificity:	CD105
Other names:	ENDOGLIN
Format:	StarBright Yellow 665
Product Type:	Monoclonal Antibody
Clone:	SN6
Isotype:	lgG1
Quantity:	100 TESTS/0.5ml

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
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	Human			
Species Cross	Reacts with: Horse, 0	Cynomolgus monkey, F	Rhesus Monkey	
Reactivity	Based on sequence s	similarity, is expected t	o react with:Primate	
	reactivity is derived fr	om testing within our I	ions may vary between species. Cross aboratories, peer-reviewed publication ors. Please refer to references indicate	s or
Product Form	Purified IgG conjugat	ed to StarBright Yellov	v 665 - liquid	
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)	
	StarBright Yellow 665	554	670	
Preparation	Purified IgG prepared supernatant	d by affinity chromatog	raphy on Protein G from tissue culture	

Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin 0.1% Pluronic F68 0.1% PEG 3350 0.05% Tween 20
Immunogen	Partially purified cell membrane antigens from fresh leukemia cells
External Database Links	UniProt: P17813 Related reagents Entrez Gene: 2022 ENG Related reagents
Synonyms	END
Fusion Partners	Spleen cells from immunized 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 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 5µl of the suggested working dilution to label 10 ⁶ cells in 100µl. Best practices suggest a 5 minutes centrifugation at 6,000g prior to sample application.
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Further Reading	 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> Burk, J. <i>et al.</i> (2013) Equine cellular therapyfrom stall to bench to bedside? <u>Cytometry A 83 (1): 103-13.</u>
Storage	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted.
Guarantee	12 months from date of despatch
Acknowledgements	This product is covered by U.S. Patent No. 10,150,841 and related U.S. and foreign counterparts
Health And Safety Information	Material Safety Datasheet documentation #20471 available at: https://www.bio-rad-antibodies.com/SDS/MCA1557SBY665 20471
Regulatory	For research purposes only

Related Products

Recommended Useful Reagents

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