

Datasheet: MCA609SBB700 BATCH NUMBER 100006584

Description:RAT ANTI MOUSE CD8 ALPHA:StarBright Blue 700Specificity:CD8 ALPHAOther names:LY-2Format:StarBright Blue 700Product Type:Monoclonal AntibodyClone:KT15Isotype:IgG2aQuantity:100 TESTS/0.5ml		
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Clone: KT15 Isotype: IgG2a	Format:	StarBright Blue 700
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	Clone:	KT15
Quantity: 100 TESTS/0.5ml	Isotype:	lgG2a
	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 <u>www.bio-</u> rad-antibodies.com/protocols.				
		Yes No	Not Determined	Suggested Dilution	
	Flow Cytometry	-		Neat	
	Where this product has necessarily exclude its a guide only. It is recom system using appropria	use in such procedu Imended that the us	ures. Suggested working ser titrates the product f	g dilutions are given as	
Target Species	Mouse				
Product Form	Purified IgG conjugated	I to StarBright Blue	700 - liquid		
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)		
	StarBright Blue 700	470	700		
Preparation	Purified IgG prepared b supernatant	y affinity chromatog	raphy on Protein G fror	n tissue culture	
Buffer Solution	Phosphate buffered saline				
Preservative Stabilisers	0.09% Sodium Azide (N 1% Bovine Serum Albu 0.1% Pluronic F68	0,			
	0.1% PEG 3350				

	0.05% Tween 20
Immunogen	T cell clone, C6
External Database Links	UniProt: <u>P01731</u> <u>Related reagents</u> Entrez Gene: <u>12525</u> Cd8a <u>Related reagents</u>
Synonyms	Lyt2, Lyt-2
Fusion Partners	Spleen cells from immunized SD rats were fused with cells of the NS0 mouse myeloma cell line
Specificity	Rat anti Mouse CD8 α , clone KT15 , recognizes the <u>alpha chain of mouse CD8</u> . CD8 is a heterodimeric protein composed of disulphide-linked CD8 α and <u>CD8β</u> chains that is expressed primarily on cytotoxic T-cells. CD8 functions in the interaction with MHC Class I-bearing targets and plays a role in T-cell-mediated killing (<u>Nakauchi , H. <i>et al.</i>, 1985</u> & <u>Nakauchi, H. <i>et al.</i>, 1987</u>).
	Clone KT15 is reported to block T-cell-mediated cytotoxicity in <i>in vitro</i> assays (Zeis, M. et <u>al., 2002</u>).
Flow Cytometry	Use 5ul of the suggested working dilution to label 10 ⁶ cells in 100ul. Best practices suggest a 5 minutes centrifugation at 6,000g prior to sample application.
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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 relate counterparts	ed U.S. and foreign		
Health And Safety Information	Material Safety Datasheet documentation #20471 available at: https://www.bio-rad-antibodies.com/SDS/MCA609SBB700 20471			
Regulatory	For research purposes only			

Related Products

Recommended Useful Reagents

MOUSE SEROBLOCK FcR (BUF041A) MOUSE SEROBLOCK FcR (BUF041B)

North & South	Tel: +1 800 265 7376	Worldwide	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-ra	id.com	Email: antibody_sales_uk@bio-ra	id.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 'M379390:210324'

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