

Datasheet: MCA2186F

RAT ANTI MOUSE CD22:FITC			
CD22			
Lyb-8			
FITC			
Monoclonal Antibody			
OX-96			
lgG1			
0.1 mg			

Product Details

Applications	the originators. Please re	boratories, peer-re	eviewed indicated	publications or perso	onal communications from	
	recommendations, please visit <u>www.bio-rad-antibodies.com/protocols</u> .					
	Flow Cytometry	Yes N	lo	Not Determined	Suggested Dilution Neat	
		not been tested f	or use in	a particular techniqu	ue 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/poistive controls	3.	-			
Target Species	Mouse					
Product Form	Purified IgG conjugated	to Fluorescein Iso	thiocyan	ate Isomer 1 (FITC)	- liquid	
Max Ex/Em	Fluorophore E	xcitation Max (nm)	Emiss	ion Max (nm)		
	FITC	490		525		
Preparation	Purified IgG prepared by affinity chromatography on Protein G					
Buffer Solution	Phosphate buffered salin	e				
Preservative	0.09% Sodium Azide					
Stabilisers	1% Bovine Serum Alk	oumin Serum				
Approx. Protein Concentrations	IgG concentration 0.1 mg	g/ml				
External Database	UniProt:					
Links	P35329 Related r	eagents				
	Entrez Gene:					
	<u>12483</u> Cd22 <u>Relat</u>	ed reagents				

Synonyms	Lyb-8, Siglec2
Specificity	Rat anti Mouse CD22 antibody, clone OX-96 recognizes domain 1 of the murine cell surface glycoprotein CD22, which is a member of the sialoadhesin family. CD22 is expressed on a subpopulation of mature B-lymphocytes and may modulate signalling through the B-cell antigen receptor. Rat anti Mouse CD22 antibody, clone OX-96 does not block CD22 function.
Flow Cytometry	Use 10ul of the suggested working dilution to label 10 ⁶ cells in 100ul.
	The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity Fc receptors. This may be reduced by using SeroBlock FcR (<u>BUF041A/B</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.
Shelf Life	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet documentation #10041 available at: 10041: <u>https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf</u>
Regulatory	For research purposes only

Related Products

Recommended Negative Controls

RAT IgG1 NEGATIVE CONTROL:FITC (MCA1211F)

Recommended Useful Reagents

MOUSE SEROBLOCK FcR (BUF041B)

North & South	Tel: +1 800 265 7376	Worldwide
America	Fax: +1 919 878 3751	
	Email: antibody_sales_us@bio-rac	l.com

Tel: +44 (0)1865 852 700 **Europe** Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com

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