

Datasheet: MCA1579F

BATCH NUMBER 1804

Description:	MOUSE ANTI HUMAN LAMBDA LIGHT CHAIN:FITC
Specificity:	LAMBDA LIGHT CHAIN
Format:	FITC
Product Type:	Monoclonal Antibody
Clone:	Mc24-IC6
Isotype:	IgG1
Quantity:	0.1 mg

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
ELISA	▪			

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		
Product Form	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid		
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	FITC	490	525
Preparation	Purified IgG prepared by affinity chromatography on Protein A		
Buffer Solution	Phosphate buffered saline		
Preservative Stabilisers	0.09% Sodium Azide 1% Bovine Serum Albumin		
Approx. Protein Concentrations	IgG concentration 0.1 mg/ml		

Immunogen	Purified human IgG.
External Database Links	<p>UniProt: P0CG04 Related reagents</p> <p>Entrez Gene: 28815 IGLV2-14 Related reagents</p>
RRID	AB_321744
Fusion Partners	Spleen cells from immunized BALB/c mice were fused with cells of the mouse NSI myeloma cell line.
Specificity	Mouse anti Human Lambda Light Chain antibody, clone Mc24-IC6 recognizes human lambda light chains, and shows no cross- reactivity to kappa light chains or to immunoglobulin heavy chains.
Flow Cytometry	Use 10ul of the suggested working dilution to label 10 ⁶ cells or 100ul washed whole blood.
References	<ol style="list-style-type: none"> 1. Reynolds, W.M. <i>et al.</i> (1992) A simple technique for the determination of kappa and lambda immunoglobulin light chain expression by B cells in whole blood. J Immunol Methods. 151 (1-2): 123-9. 2. Suárez, E. <i>et al.</i> (2004) Human monoclonal antibodies produced in transgenic BABkappa,lambd mice recognising idiotypic immunoglobulins of human lymphoma cells. Mol Immunol. 41 (5): 519-26.
Storage	<p>Store at +4°C for one month or at -20°C for longer.</p> <p>This product should be stored undiluted. This product is photosensitive and should be protected from light.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10041 available at: https://www.bio-rad-antibodies.com/SDS/MCA1579F 10041
Regulatory	For research purposes only

Related Products

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL:FITC \(MCA928F\)](#)

Recommended Useful Reagents

[HUMAN SEROBLOCK \(BUF070A\)](#)

[HUMAN SEROBLOCK \(BUF070B\)](#)

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

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