

## Lambda Rat Anti-Mouse Monoclonal Antibody (clone JC5-1), Biotin Conjugate

Store at 2°C to 8°C

Pub. No. MAN0007968 Rev. 1.00

Catalog No.	Form	Amount	Excitation	Peak Emission
A15380	Biotin	0.5 mg	—	—

### Product Description

### Product Specifications

Clonality:	Monoclonal
Host/Class:	Rat IgG
Reactivity:	Mouse λ (light chain)
Sequence Identity:	Mouse
Clone/PAD:	JC5-1
Isotype:	IgG <sub>2bκ</sub>
Lot:	See product label

### Product Applications

Applications reported for the Lambda Rat Anti-Mouse mAb include flow cytometry, immunofluorescence microscopy, and ELISA.

Because conditions may vary, it is recommended that each investigator determine the optimal amount of antibody to be used for each application.

### Storage and Handling

Store reagents at 2°C to 8°C. If the reagent is being diluted, it is recommended that only the quantity to be used within one week be diluted. Cells should be analyzed within 18 hours of staining for best results.

Avoid light exposure with fluorochrome-conjugated antibodies. Use dim light during handling, incubation with cells, and prior to analysis.

### Stability

When stored as instructed, expires one year from date of receipt unless otherwise indicated on the Certificate of Analysis.

### Storage Buffer

Phosphate buffered saline (PBS) with 0.1% sodium azide.



**CAUTION!** Sodium azide is extremely toxic and may react with lead and copper plumbing to form highly explosive metal azides. Properly dispose of solutions containing sodium azide. Read the Safety Data Sheet (SDS) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves. SDSs are available at [www.lifetechnologies.com/support](http://www.lifetechnologies.com/support).

## Product Documentation

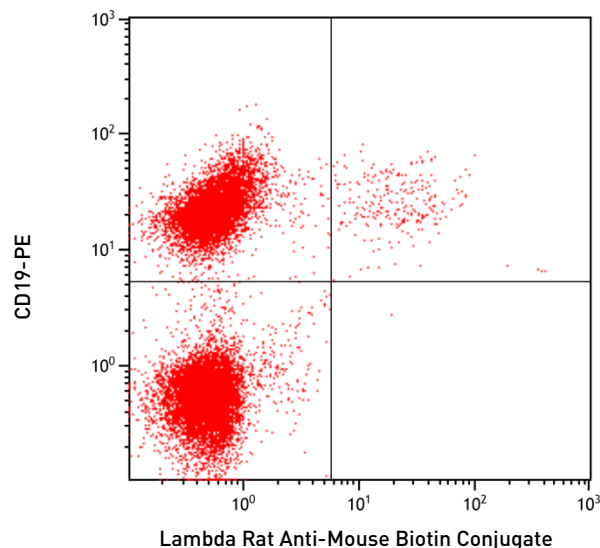
To obtain a Certificate of Analysis or Safety Data Sheets (SDSs), visit [www.lifetechnologies.com/support](http://www.lifetechnologies.com/support).

## Related Products

Product Name	Quantity	Cat. No.
AbC™ Anti-Mouse Bead Kit	1 kit	A10344
AbC™ Anti-Rat/Hamster Bead Kit	1 kit	A10389
FIX & PERM® Reagents (200 tests)	1 kit	GAS004
<b>LIVE/DEAD® Fixable Dead Cell Stain Kits</b>		
Blue (UV excitation)	1 kit (200 assays)	L23105
Violet (405 nm excitation)		L34955
Yellow (405 nm excitation)		L34959
Red (488 nm excitation)		L23102
Near-IR (633/635 nm excitation)		L10119

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**Figure 1** Immunofluorescent staining of BALB/c splenocytes labelled with Lambda Rat Anti-Mouse Monoclonal Antibody Biotin Conjugate (Cat. no. A15380).

BALB/c splenocytes were double-stained with Lambda Rat Anti-Mouse Monoclonal Antibody Biotin Conjugate (1 µg/10<sup>6</sup> cells) and a rat anti-mouse CD19-PE conjugate. Small lymphocytes were then gated and analyzed using a flow cytometer.

## Explanation of symbols

Symbol	Description	Symbol	Description	Symbol	Description
	Manufacturer		Catalog number		Batch code
	Use by		Temperature limitation		
	Consult instructions for use		Caution, consult accompanying documents		

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