

MOUSE anti-MOUSE I-A^b

Publication Number MAN0006742

Rev. 1.00

Store at 2° to 8°C

Catalog No.	Form	Amount	Excitation	Peak Emission
A14746	FITC	0.05 mL (25 µg)	488 nm	519 nm
A14747	PE	0.25 mL (25 µg)	496 nm	578 nm

Product Description

The Mouse anti-Mouse I-A^b Monoclonal Antibody (mAb) reacts specifically with the I-A^b haplotype of MHC Class II molecules. Class II antigens are predominantly expressed on antigen-presenting cells including B lymphocytes, macrophages, dendritic cells and certain epithelial cells.

Product Specifications

Clonality:	Monoclonal
Host/Class:	Mouse IgM
Reactivity:	Mouse I-A ^b
Immunogen:	C3H.SW splenocytes
Alternate Names:	MAFA, 2F1-Ag
Gene ID:	14961
Sequence Identity:	Mouse
Clone/PAD:	25-9-3
Isotype:	IgM
Lot:	See product label

Product Applications

Applications reported for the Mouse anti-Mouse I-A^b mAb include flow cytometry, and immunohistochemistry.

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° 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 product label.

Storage Buffer

Phosphate buffered saline (PBS) with 0.1% sodium azide, and a non-BSA stabilizing agent. FITC conjugates contain PBS with 0.1% sodium azide.

Caution: Sodium azide is an extremely toxic and dangerous compound particularly when combined with acids or metals. Properly dispose of solutions containing sodium azide.

For research use only. Not for human or animal therapeutic or diagnostic use.

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









Product Documentation

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

Related Products

Product Name	Quantity	Catalog no.
AbC™ Anti-Mouse Bead Kit	1 kit	A10344
AbC™ anti-Rat/Hamster Bead Kit	1 kit	A10389
Protein A Agarose	5 mL	15918-014
Recombinant Protein G (rProtein G) Agarose	5 mL	15920-010

Explanation of symbols

Symbol	Description	Symbol	Description
	Catalogue Number		Batch code
	Research Use Only		<i>In vitro</i> diagnostic medical device
	Use by		Temperature limitation
	Manufacturer		European Community authorised representative
	Without, does not contain		With, contains
	Protect from light		Consult accompanying documents
	Directs the user to consult instructions for use (IFU), accompanying the product.		

Limited Product Warranty

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