



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Technically
Speaking

CEDARLANE[®]
www.cedarlanelabs.com



Conveniently Delivering You Today's Innovations
for the Science of Tomorrow™

**Anti-Mouse I-A^b
Monoclonal Antibody**

Catalogue#	Format	Size	Concentration	Isotype Control
CL8704A	Ascites	0.5ml	NA	CLCMGM00
CL8704AP	Purified	250µg	1.0 mg/ml	CLCMGM00
CL8704B	Biotin	100µg	0.1 mg/ml	CLCMGM15
CL8704F	FITC	100µg	0.1 mg/ml	CLCMGM01

Isotype: Mouse IgM

DESCRIPTION:

Cedarlane's anti-I-A^b monoclonal antibody specifically reacts with the I-A^b encoded MHC Class II antigen expressed on mouse strains of the H-2^b haplotype. Class II antigens are most highly expressed on antigen presenting cells including B cells, macrophages, dendritic cells and certain epithelial cells.

PRESENTATION:

Ascites: Lyophilized

Purified: Purified IgG buffered in PBS and 0.02% NaN₃. (Purified from ascitic fluid via Protein G Chromatography). For maximum recovery of contents, spin down tube before use.

Biotin, and FITC: Biotin/FITC conjugated IgG buffered in PBS, 0.02% NaN₃ and EIA grade BSA as a stabilizing protein to bring total protein concentration to 4-5 mg/ml.

STORAGE/STABILITY:

Store **Ascites** at -20°C. For all other formats, store at 4°C. For long term storage (**Purified, Biotin and FITC**), aliquot and freeze unused portion at -20°C in volumes appropriate for single usage. Avoid freeze/thaw cycles.

SPECIFICATIONS:

Clone: 25-5-16S

Specificity: Mouse MHC class II I-A^b, private for I-A^b

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www.cedarlanelabs.com

An ISO 9001:2000 and ISO 13485:2003
registered company.

In CANADA: **Toll Free: 1-800-268-5058**

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1210 Turrentine Street, Burlington, NC 27215 ph: (336) 513-5135, fax: (336) 513-5138
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TEST RESULTS:

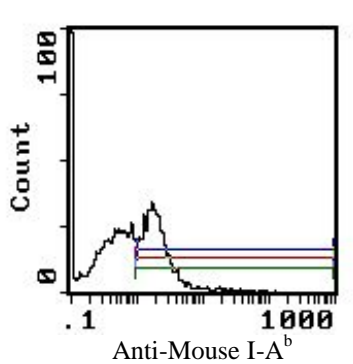
Tissue Distribution by Flow Cytometry Analysis:

Mouse Strain: C57BL/6

Cell Concentration: 1×10^6 cells per test

Antibody Concentration Used: $2.0 \mu\text{g}/10^6$ cells

<u>Cell Source</u>	<u>Percentage of cells stained above control:</u>
Spleen	44.1%
Lymph Node	22.8%



Cell Source: Spleen

N.B. Appropriate control samples should always be included in any labeling studies.

*** For optimal results in various applications, it is recommended that each investigator determine dilutions appropriate for individual use.**

REFERENCES:

1. Ozato, K. and Sachs, D. H. 1981 Monoclonal antibodies to mouse MHC antigens. III. Hybridoma antibodies reacting to antigens of the H-2b haplotype reveal genetic control of isotype expression. J. Immunol. 126:317-322.
2. Klein, J., Figueroa, F. and David, C.S. 1983 H-2 haplotypes, genes and antigens: second listing. II. The H-2 complex. Immunogenetics: 17:553-596.

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