



# 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

### SZABO-SCANDIC HandelsgmbH

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Technically  
Speaking

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

**Anti-Mouse I-A<sup>b</sup>  
Monoclonal Antibody**

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

Isotype: Mouse IgM

**DESCRIPTION:**

Cedarlane's anti-I-A<sup>b</sup> monoclonal antibody specifically reacts with the I-A<sup>b</sup> encoded MHC Class II antigen expressed on mouse strains of the H-2<sup>b</sup> 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% NaN<sub>3</sub>. (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% NaN<sub>3</sub> 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<sup>b</sup>, private for I-A<sup>b</sup>

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## **TEST RESULTS:**

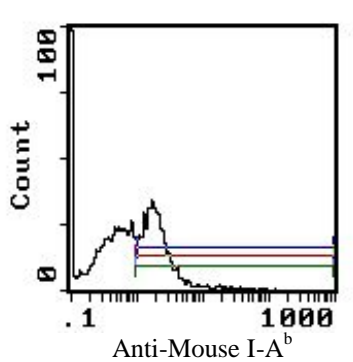
### Tissue Distribution by Flow Cytometry Analysis:

Mouse Strain: C57BL/6

Cell Concentration:  $1 \times 10^6$  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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