



# 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

**CEDARLANE**<sup>®</sup>  
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Conveniently Delivering You Today's Innovations  
for the Science of Tomorrow™

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

Catalogue#	Format	Size	Concentration	Isotype Control
<b>CL8709A</b>	Ascites	0.5ml	NA	CLCMG2A00
<b>CL8709AP</b>	Purified	250µg	1.0 mg/ml	CLCMG2A00
<b>CL8709B</b>	Biotin	100µg	0.1 mg/ml	CLCMG2A15
<b>CL8709F</b>	FITC	100µg	0.1 mg/ml	CLCMG2A01
<b>CL8709PE</b>	PE	50µg	0.1 mg/ml	CLCMG2A04

Isotype: Mouse IgG<sub>2a</sub>

**DESCRIPTION:**

Cedarlane's anti-I-A<sup>k</sup> monoclonal antibody is a cytotoxic antibody specific for cells expressing the Ia antigen coded for by the A subregion of the k haplotype. The reaction pattern of this antibody with a panel of inbred and recombinant haplotypes demonstrates that the antibody reacts with Ia.m2, a private specificity of the H-2<sup>k</sup> haplotype. This antibody can be used to quantitate or to eliminate cells bearing the I-A<sup>k</sup> (Ia.m2) antigen.

**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.

**PE, Biotin, and FITC:** Biotin/FITC/PE 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. **DO NOT FREEZE PE** conjugates. 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: 14V.18

Hybridoma Production:

Immunization: Immunogen: A.TL spleen  
Donor: A.TH spleen

Fusion Partner: P3-X63-Ag8

Specificity: Mouse I-A<sup>K</sup> (Ia.m2)

Visit our website for your local distributor.

**CEDARLANE**<sup>®</sup>



[www.cedarlanelabs.com](http://www.cedarlanelabs.com)

An ISO 9001:2000 and ISO 13485:2003  
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**TEST RESULTS:**

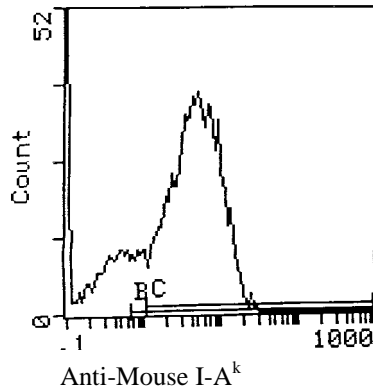
Tissue Distribution by Flow Cytometry Analysis:

Mouse Strain: A.TL

Cell Concentration: 1x10<sup>6</sup> cells per test

Antibody Concentration Used: 1.0 µg/10<sup>6</sup> cells

<u>Cell Source</u>	<u>Percentage of cells stained above control:</u>
Thymus	32.5%
Spleen	75.4%
Lymph Node	32.1%
Bone Marrow	21.6%



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.**

Strains Tested:

<u>Strains</u>	<u>Haplotypes</u>								<u>+/-</u>
	K	A	B	E	C	S	G	D	
A.TH	s	s	s	s	s	s	s	d	-
A.TL	s	k	k	k	k	k	k	d	+
B10.A	k	k	k	k	d	d	d	d	+
B10.A (4R)	k	k	b	b	b	b	b	b	+
B10.BR	k	k	k	k	k	k	k	k	+
B10.D2	d	d	d	d	d	d	d	d	-
C57BL/6	b	b	b	b	b	b	b	b	-
C3H/He	k	k	k	k	k	k	k	k	+
BALB/c	d	d	d	d	d	d	d	d	-

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