



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

**Anti-H-2L<sup>d</sup>  
Monoclonal Antibody**

Catalogue#	Format	Size	Concentration	Isotype Control
<b>CL9011A</b>	Ascites	0.5ml	N/A	CLCMG2A00
<b>CL9011AP</b>	Purified	250ug	1.0 mg/ml	CLCMG2A00
<b>CL9011B</b>	Biotin	100ug	0.1 mg/ml	CLCMG2A15
<b>CL9011F</b>	FITC	100ug	0.1 mg/ml	CLCMG2A01
<b>CL9011PE</b>	PE	50ug	0.1 mg/ml	CLCMG2A04
<b>CL9011AF4</b>	Alexa Fluor <sup>®</sup> 488	100 µg	0.1 mg/ml	N/A

Alexa Fluor<sup>®</sup> is a registered trademark of Life Technologies Corporation.

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

**DESCRIPTION:**

Cedarlane's anti-H-2L<sup>d</sup> monoclonal antibody detects the public specificity H-2.65 of the H-2L<sup>d</sup> antigen. This antibody also recognizes H-2D<sup>d</sup> and H-2L<sup>d</sup> molecules.

**PRESENTATION:**

**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, FITC, PE and AF488:** Biotin/FITC/PE/AF488 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:**

For all formats, store at +4°C. DO NOT FREEZE **PE and AF488** 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: 30-5-7S

Hybridoma Production: Immunization: Recipient: BALB/c-H-2<sup>dm2</sup>  
Donor: BALB/c Spleen cells  
Fusion Partner: SP2/0.Ag14

Specificity: Anti-mouse H-2L<sup>d</sup> (public determinant H-2.65)

Visit our website for your local distributor.

**CEDARLANE**<sup>®</sup>



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**Strain Distribution:** H-2L<sup>d</sup>, H-2L<sup>a</sup>, H-2D<sup>a</sup> positive strains

Strains Tested:

<u>Strain</u>	<u>Haplotype</u>	<u>+/-</u>
BALB/c	H-2 <sup>d</sup>	+
A.TH	H-2K <sup>s</sup> D <sup>d</sup>	+
A.TL	H-2K <sup>s</sup> D <sup>d</sup>	+
B.10A(3R)	H-2K <sup>b</sup> D <sup>d</sup>	+
C3H/He	H-2 <sup>k</sup>	-
C57BL/6	H-2 <sup>b</sup>	-

**TEST RESULTS:**

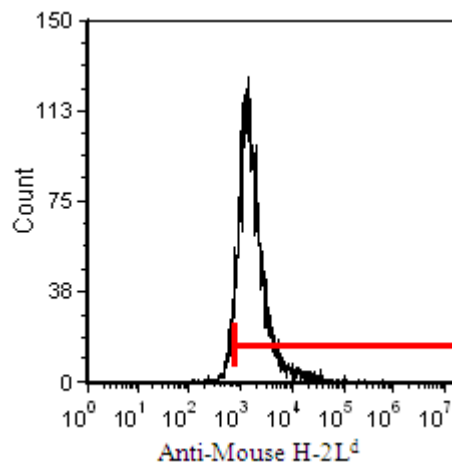
Tissue Distribution by Flow Cytometry Analysis:

Mouse Strain: Balb/c

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>
Spleen	86.2%
Thymus	55.5%
Lymph Node	92%



Cell Source: Lymph Node

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

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

**REFERENCES:**

1. Ozato, K., Hansen, T.H., and David H. Sachs. Monoclonal Antibodies to Mouse MHC Antigens. II. Antibodies to the H-2L<sup>d</sup> Antigen, the Products of a Third Polymorphic Locus of the Mouse Major Histocompatibility Complex. J. Immunol. 125: 2473-2477 (1980).

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