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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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

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

Catalogue#	Format	Size	Concentration	Isotype Control
CL8712A	Ascites	0.5ml	NA	CLCMG2A00
CL8712AP	Purified	250µg	1.0 mg/ml	CLCMG2A00
CL8712B	Biotin	100µg	0.1 mg/ml	CLCMG2A15
CL8712F	FITC	100µg	0.1 mg/ml	CLCMG2A01
CL8712PE	PE	50µg	0.1 mg/ml	CLCMG2A04

Isotype: Mouse IgG_{2a}

DESCRIPTION:

Cedarlane's CL8712 is a monoclonal antibody that reacts with I-A^b and I-A^d antigens. Cross reaction with H-2^p and H-2^q was also found.

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, FITC and PE: Biotin/FITC/PE 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. DO NOT FREEZ **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: 25-9-17s

Hybridoma Production:

Immunization: Immunogen: C3H.SW splenocytes
Donor: C3H lymphoid cells

Fusion Partner: Sp2/0-Ag14

Specificity: Mouse I-A^b

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registered company.

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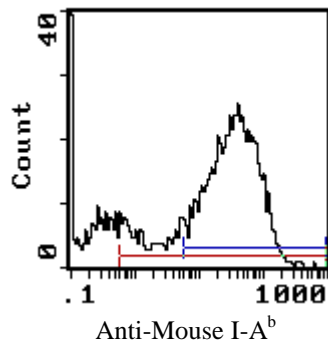
1210 Turrentine Street, Burlington, NC 27215 ph: (336) 513-5135, fax: (336) 513-5138
e-mail: service@cedarlanelabs.com

TEST RESULTS:

Tissue Distribution by Flow Cytometry Analysis:

Mouse Strain: C57BL/6
Cell Concentration: 1x10⁶ cells per test
Antibody Concentration Used: 0.5 µg/10⁶ cells

<u>Cell Source</u>	<u>Percentage of cells stained above control:</u>
Thymus	12.1%
Spleen	60.2%
Lymph Node	35.2%



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.**

Strain Distribution by Flow Cytometry Analysis:

Antibody Concentration: 0.5 µg/10⁶ cells
Strains Tested:

<u>Strain</u>	<u>H-2 Loci Alleles</u>								<u>+/-</u>
	<u>K</u>	<u>A_β</u>	<u>A_α</u>	<u>E_β</u>	<u>E_α</u>	<u>C4</u>	<u>C4S</u>	<u>D</u>	
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	+
DBA/1	q	q	q	q	q	q	q	q	(+/-)
SJL	s	s	s	s	s	s	s	s	-
B10.M	f	f	f	f	f	f	f	f	-
A.TH	s	s	s	s	s	s	s	d	-
A.TL	s	k	k	k	k	k	k	d	-
B10.A(3R)	b	b	b	b/k	k	d	d	d	+
P/J	p	p	p	p	p	p	p	p	(+/-)

REFERENCES:

1. Ozato, K. and Sachs, D.H. (1981) Journal of Immunology.126, 317-321. Hybridoma antibodies reacting to antigens of the H-2b haplotype reveal genetic control of isotype expression.