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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic)

Technically
Speaking

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

**Anti-Mouse CD8 β Chain (Ly 3)
Monoclonal Antibody**

Catalogue#	Format	Size	Concentration	Isotype Control
CL8938AP	Purified	200 μ g	1.0 mg/ml	CLCR2A00
CL8938APC	APC	100 μ g	0.1 mg/ml	CLCR2A05
CL8938B	Biotin	100 μ g	0.1 mg/ml	CLCR2A15
CL8938B-3	Biotin	300 μ g	0.1 mg/ml	CLCR2A15
CL8938F	FITC	100 μ g	0.1 mg/ml	CLCR2A01
CL8938F-3	FITC	300 μ g	0.1 mg/ml	CLCR2A01
CL8938PE	PE	50 μ g	0.1 mg/ml	CLCR2A04
CL8938PE-3	PE	300 μ g	0.1 mg/ml	CLCR2A04
CL8938TC	TC	100 μ g	0.1 mg/ml	CLCR2A06

Isotype: Rat IgG2a

DESCRIPTION:

Cedarlane's anti-mouse CD8 β -Chain monoclonal antibody is specific for most thymocytes, cytotoxic/suppressor T-cells and their precursors. The CD8 β -Chain is also named Ly-3. This antibody is suitable for use in flow cytometry.

PRESENTATION:

Purified: Purified IgG buffered in PBS and 0.02% NaN₃. (Purified from ascitic fluid via Protein G Chromatography). For maximal recovery of contents, please quick-spin vial before opening.

Biotin, FITC, PE, and APC: Biotin/FITC/PE/APC 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:

For all formats, store at 4°C. DO NOT FREEZE **PE and APC** conjugates. For long term storage (**Purified, Biotin, FITC**), aliquot and freeze unused portion at -20°C in volumes appropriate for single usage. Avoid freeze/thaw cycles.

SPECIFICATIONS:

Clone: CT-CD8b

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

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

4410 Paletta Court, Burlington, ON L7L 5R2 ph: (289) 288-0001, fax: (289) 288-0020
e-mail: general@cedarlanelabs.com

In the USA: Toll Free: 1-800-721-1644

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

Hybridoma Production:

Immunization:

Immunogen: Mouse CD8 β

Donor: Mouse ascites fluid

Specificity: Mouse CD8 β chain

TEST RESULTS:

Tissue Distribution by Flow Cytometry Analysis:

Mouse Strain: Balb/c

Cell Concentration: 1×10^6 cells per tests

Antibody Concentration Used: $0.1 \mu\text{g}/10^6$ cells

Cell Source

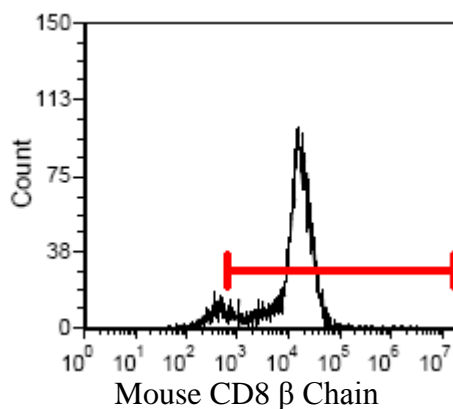
Percentage of cells stained above control:

Thymus

91.3

Spleen

22.4



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. Ledbetter, J. and Herzenberg, L. 1979 Xenogenic monoclonal antibodies to mouse lymphoid differentiation antigens. Immunol. Rev. 47:63-90.
2. Ledbetter, J., Rouse, R., Micklem, S. and Herzenberg, L. 1980 T cell subsets defined by expression of Lyt-1,2,3 and Thy-1 antigens. J. Exp. Med. 152:280-295.
3. Tomomari, K. and Spencer, S. 1990 Epitope-specific binding of CD8 regulates activation of T cells and induction of cytotoxicity. International Immunol. 2(12):1189-1194.

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