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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
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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 CD90 (Thy 1.2)
Monoclonal Antibody**

Catalogue#	Format	Size	Concentration	Isotype Control
CL8600	Supernatant	1.0ml		CLCMG2B00
CL8600A	Ascites	0.5 ml	N/A	CLCMG2B00
CL8600A-BULK	Ascites	1.0 ml	N/A	CLCMG2B00
CL8600AP	Purified	250 ug	1.0 mg/ml	CLCMG2B00
CL8600AP-BULK	Purified	1.0 mg	1.0 mg/ml	CLCMG2B00
CL8600APC	APC	100 ug	0.1 mg/ml	CLCMG2B05
CL8600B/-3/-1MG	Biotin	100 ug/300 ug/1.0 mg	0.1 mg/ml	CLCMG2B15
CL8600F/-3	FITC	100 ug/300 ug	0.1 mg/ml	CLCMG2B01
CL8600PE/-3/-100	PE	50 ug/300 ug/100 ug	0.1 mg/ml	CLCMG2B04
CL8600AF4	Alexa Fluor [®] 488	100 µg	0.1 mg/ml	N/A

Alexa Fluor[®] is a registered trademark of Life Technologies Corporation.

Ig Class: Mouse IgG_{2b}, κ

DESCRIPTION:

Cedarlane's anti-mouse CD90 (Thy 1.2) monoclonal antibody reacts with all T lymphocytes from mouse strains expressing the Thy 1.2 phenotype (i.e. C57BL/6, C3H/He, DBA/2, CBA/J, BALB/c), but does not react with lymphocytes expressing the Thy 1.1 phenotype (i.e. AKR/J, B6.PL (74 NS)).

PRESENTATION:

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, PE, APC and AF488: Biotin/FITC/PE/APC/AF488 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, APC and AF488 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.

Visit our website for your local distributor.

CEDARLANE[®] 

www.cedarlanelabs.com

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

SPECIFICATIONS:

Clone: 5a-8

Hybridoma Production:

Immunization: Immunogen: CBA/J
Donor: AKR/J Spleen
Fusion Partner: Spleen from immunized recipient fused with myeloma P3-NSI-1-Ag4-1

Specificity: Mouse CD90 (Thy 1.2)

TEST RESULTS:

Tissue Distribution by Flow Cytometry Analysis:

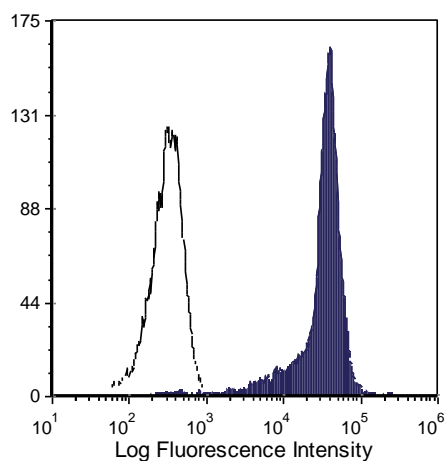
Mouse Strain: BALB/c
Cell Concentration : 1×10^6 cells per test
Antibody Concentration Used: $1 \mu\text{g}/10^6$ cells

Cell Source

Thymus

Percentage of cells stained above control:

98.4%



Balb/c mouse thymocytes stained with anti-CD90 (Thy 1.2) (clone: 5a-8) (filled histogram) or mouse IgG2b isotype control (open histogram).

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:

Cell Concentration : 1×10^6 cells per test
Antibody Concentration Used: $1 \mu\text{g}/10^6$ cells
Strains Tested: C57BL/6, C3H/He, CBA/J, BALB/c, ATL, AKR/J
Positive: C57BL/6, C3H/He, CBA/J, BALB/c, ATL
Negative: AKR/J

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