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Lieferung & Zahlungsart

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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 CD5 (Ly 1.2)
Monoclonal Antibody**

Catalogue#	Format	Size	Concentration	Isotype Control
CL8912A	Ascites	0.5ml	NA	CLCMG2B00
CL8912AP	Purified	250µg	1.0 mg/ml	CLCMG2B00
CL8912NA	No Azide	1.0mg	1.0 mg/ml	CLCMG2B00
CL8912B/-3	Biotin	100µg/300µg	0.1 mg/ml	CLCMG2B15
CL8912F/-3	FITC	100µg/300µg	0.1 mg/ml	CLCMG2B01
CL8912PE/-3	PE	50µg/300µg	0.1 mg/ml	CLCMG2B04

Isotype: Mouse IgG_{2b}

DESCRIPTION:

Cedarlane's anti-mouse CD5 (Ly 1.2) monoclonal antibody reacts with all T lymphocytes from mouse strains expressing the Ly 1.2 phenotype, but does not react with lymphocytes from mouse strains expressing the Ly 1.1 phenotype.

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.

No Azide: Purified Ig buffered in PBS, no preservative, 0.2µm sterile filtered.

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, NA and FITC**), aliquot and freeze unused portion at -20°C in volumes appropriate for single usage. Avoid freeze/thaw cycles.

SPECIFICATIONS:

Clone: CG16

Hybridoma Production:

Immunization: Immunogen: C3H.CE-Ly 1.2:DS
Donor: C3H spleen

Fusion Partner: Myeloma SP2/0 - Ag 14 (M5)

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

Specificity: Mouse CD5 (Ly 1.2)

Strains Tested: AKR, ATH, BALB/c, CBA/J, C3H/He

Positive: AKR, ATH, BALB/c

Negative: CBA/J, C3H/He

TEST RESULTS:

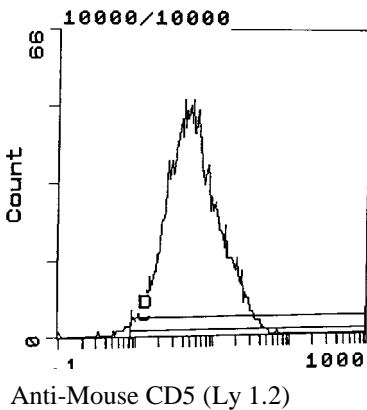
Tissue Distribution by Flow Cytometry Analysis:

Mouse Strain: BALB/c

Cell Concentration: 1×10^6 cells per tests

Antibody Concentration Used: $0.5 \mu\text{g}/10^6$ cells

<u>Cell Source</u>	<u>Percentage of cells stained above control:</u>
Thymus	98.9%
Spleen	33.5%
Lymph Node	88.6%
Bone Marrow	3.3%



Cell Source: Thymus

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.**

FOR RESEARCH USE ONLY

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