SZABO SCANDIC

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# Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

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## Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

## Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand


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# Anti-Mouse CD8a (Ly 2.2) Monoclonal Antibody

| Catalogue# | Format | Size | Concentration | Isotype Control |
|---|---|---|---|---|
| **CL8922** | Supernatant | 1.0ml | NA | CLCMGM00 |
| **CL8922A** | Ascites | 0.5ml | NA | CLCMGM00 |
| **CL8922AP** | Purified | 250µg | 1.0 mg/ml | CLCMGM00 |
| **CL8922F/-3** | FITC | 100µg/300µg | 0.1 mg/ml | CLCMGM01 |

Isotype: Mouse IgM

## DESCRIPTION:

Cedarlane's anti-mouse CD8a (Ly 2.2) monoclonal antibody reacts with a sub-population of T-lymphocytes from mouse strains expressing the Ly-2.2 phenotype but does not react with lymphocytes from strains expressing the Ly-2.1 phenotype.

This clone has been shown to work in both cytotoxicity assays and flow cytometry.

## PRESENTATION:

**Supernatant and Ascites:** Lyophilized
**Purified**: Purified IgG buffered in PBS and 0.02% $NaN_3$. (Purified from ascitic fluid via Protein G Chromatography). For maximum recovery of contents, spin down tube before use.
**FITC**: FITC conjugated IgG buffered in PBS, 0.02% $NaN_3$ and EIA grade BSA as a stabilizing protein to bring total protein concentration to 4-5 mg/ml.

## STORAGE/STABILITY:

Store **Supernatant and Ascites** at -20°C. For all other formats, store at 4°C. For long term storage (**Purified** and **FITC**), aliquot and freeze unused portion at -20°C in volumes appropriate for single usage. Avoid freeze/thaw cycles.

## SPECIFICATIONS:

Clone: AD4(15)

Hybridoma Production:

Immunization: Immunogen: C57BL/6
Donor: B6-Ly-2a spleen

Fusion Partner: Myeloma P3/X63-Ag8

Specificity: Mouse CD8a (Ly 2.2)



In CANADA: Toll Free: 1-800-268-5058
4410 Paletta Court, Burlington, ON L7L 5R2 ph: (289) 288-0001, fax: (289) 288-0020
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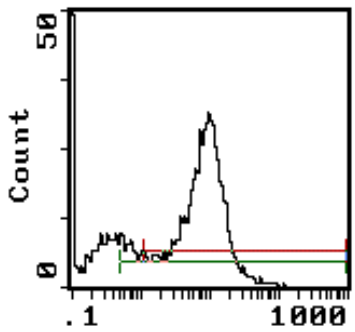
Strains Tested: C57BL/6, CBA/J, BALB/c, AKR/J, ATL, C3H/He
Positive: C57BL/6, BALB/c, ATL
Negative: CBA/J, AKR/J, C3H/He

**TEST RESULTS:**

Tissue Distribution by Flow Cytometry Analysis:

Mouse Strain: BALB/c
Cell Concentration: $1x10^6$ cells per tests
Antibody Concentration Used: 2.0 µg/$10^6$ cells

| Cell Source | Percentage of cells stained above control: |
|---|---|
| Spleen | 10.2% |
| Thymus | 66.0% |



Anti-Mouse CD8a (Ly 2.2)

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.**

**REFERENCES:**

1. Gottlieb, P.D, Marshak-Rothstein, A., Auditore-Hargreaves, K., Berkoben, D.B., August, D.A., and Rosche, R.M. Construction and properties of New Lyt-Congenic Strains and Anti-Lyt-2.2 and Anti-Lyt-3.1 Monoclonal Antibodies. Immunogenetics 10:545 1980.
2. Raulet, D.H., Gottlieb, P.. and Bevan, M.J. Fractionation of Lymphocyte Populations with Monoclonal antibodies Specific for Lyt-2.2 and Lyt-3.1. J. Immunol. 125:1136-1142, 1980.
3. Reilly, E.B., Auditore-Hargreaves, K., Hammerling, U., and Gottlieb, P.D. Lyt-2 and Lyt-3 Alloantigens: Precipitation with Monoclonal and Conventional Antibodies and Analysis on one and two-dimensional Polyacrylamide Gels. J. Immunol. 125:2245-2251, 1980.

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