



# SZABO SCANDIC

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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

### SZABO-SCANDIC HandelsgmbH

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**Anti-Mouse CD4 (L3/T4)  
Monoclonal Antibody**

| Catalogue#        | Format   | Size        | Concentration | Isotype Control |
|-------------------|----------|-------------|---------------|-----------------|
| <b>CL013AP</b>    | Purified | 200µg       | 1.0 mg/ml     | CLCR2A00        |
| <b>CL013APC</b>   | APC      | 100µg       | 0.1 mg/ml     | CLCR2A05        |
| <b>CL013B/-3</b>  | Biotin   | 100µg/300µg | 0.1 mg/ml     | CLCR2A15        |
| <b>CL013F/-3</b>  | FITC     | 100µg/300µg | 0.1 mg/ml     | CLCR2A01        |
| <b>CL013PE/-3</b> | PE       | 50µg/300µg  | 0.1 mg/ml     | CLCR2A04        |
| <b>CL013TC</b>    | PE-Cy5   | 100µg       | 0.1 mg/ml     | CLCR2A06        |

Isotype: Rat IgG<sub>2a</sub>

**DESCRIPTION:**

The CD4 (L3/T4) antigen appears to be expressed by the helper/inducer subset of murine T cells and by delayed hypersensitivity T cells but not by cytotoxic T cells or their precursors. CD4 (L3/T4) and CD8a (Ly 2) have been shown to be present on mutually exclusive T cells in the peripheral lymphoid organs but the thymus contains cells expressing both CD4 (L3/T4) and CD8a (Ly 2).

**PRESENTATION:**

**Purified:** Purified IgG buffered in PBS and 0.02% NaN<sub>3</sub>. (Purified from ascitic fluid via Protein G Chromatography). For maximum recovery of contents, spin down tube before use.

**APC, Biotin, FITC, PE-Cy5 and PE:** Biotin/FITC/PE conjugated IgG buffered in PBS, 0.02% NaN<sub>3</sub> 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 **PE-Cy5** 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: CT-CD4

Specificity: Mouse CD4

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## **TEST RESULTS:**

### Tissue Distribution by Flow Cytometry Analysis:

Mouse Strain: BALB/c

Cell Concentration:  $1 \times 10^6$  cells per test

Antibody Concentration Used:  $1.0 \mu\text{g}/10^6$  cells

### Cell Source:

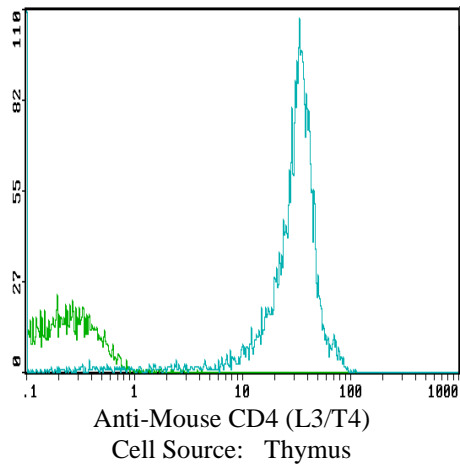
Thymus

Splenic T-cells

### Percentage of cells stained above control:

93.4%

54.3%



**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. Cobbold, S.P. et al. 1984 Nature 312:548-551.
2. Agel, N.M. et al 1984 J. Immunol. 131:2445-2451.
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4. Palathumpat, V. et al 1992 J. Immunol. 148:3319-3326.
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