



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### 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](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

Technically  
Speaking

**CEDARLANE**<sup>®</sup>   
[www.cedarlanelabs.com](http://www.cedarlanelabs.com)

Conveniently Delivering You Today's Innovations  
for the Science of Tomorrow™

**Anti-Rat CD4  
Monoclonal Antibody**

Catalogue#	Format	Size	Concentration	Isotype Control
CL038A	Ascites	0.5 ml	N/A	CLCMG2A00
CL038AP	Purified	250 µg	1.0 mg/ml	CLCMG2A00

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

**DESCRIPTION:**

Cedarlane's anti-rat T helper cell monoclonal antibody is directed against the CD4 antigen on rat T cells and macrophages. The specificity is the same as that of W3/25 and these antibodies recognize an identical or adjacent antigenic site since their binding is competitive. This antibody reacts with the majority of thymocytes, the T Helper subset and macrophages but unlike the W3/25 antibody is of the IgG<sub>2a</sub> isotype.

**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.

**STORAGE/STABILITY:**

Store at 4°C. For long term storage aliquot and freeze unused portion at -20°C in volumes appropriate for single usage. Avoid repeated freeze/thaw cycles.

**SPECIFICATIONS:**

Clone: MRC OX-38

Hybridoma Production:

Immunogen: Rat thymocyte glycoproteins

Immunocyte Donor: BALB/c spleen

Fusion Partner: P3X63/Ag8. 653

Specificity: Rat CD4

Visit our website for your local distributor.

**CEDARLANE**<sup>®</sup> 

[www.cedarlanelabs.com](http://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](mailto: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](mailto:service@cedarlanelabs.com)

## **TEST RESULTS:**

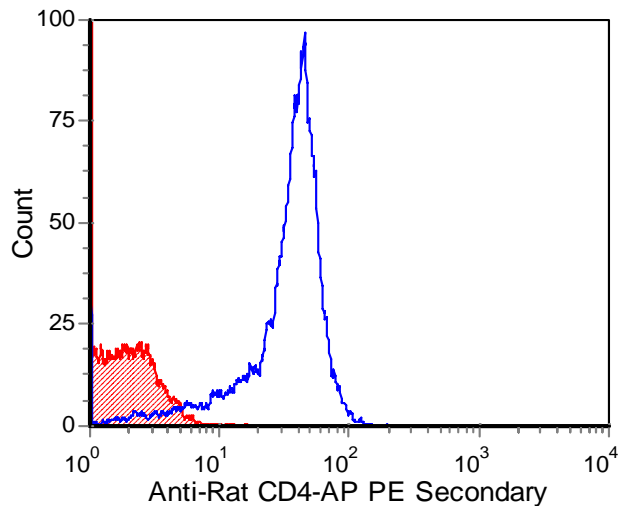
### Tissue Distribution by Flow Cytometric Analysis:

Rat Strain: Wistar

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

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

<b><u>CELL SOURCE</u></b>	<b><u>PERCENT STAINING</u></b>
Thymus	93.3
Spleen	31.1
Lymph Node	53.9



Cell Source: Thymus

Percentage of Cells Stained Above Control: 93.3%

**N.B. Appropriate control samples should always be included in any labelling studies.**

**\* For optimal results in various applications, it is recommended that each investigator determine dilutions appropriate for individual use.**

## **REFERENCES:**

1. Tamatani, T., M. Kiotani and M. Miyasaka. 1991 Molecular mechanisms underlying lymphocyte recirculation II. Differential regulation of LFA-1 in interaction between lymphocytes and high endothelial cells. Eur. J. Immunol., 21 855 - 858.

® is a registered trademark of Cedarlane Laboratories Ltd.

**FOR RESEARCH USE ONLY**