



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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

**Anti-Mouse CD134 (OX-40 antigen)  
Monoclonal Antibody**

Catalogue#	Format	Size	Concentration	Isotype Control
<b>CL8967AP</b>	Purified	250µg	1.0mg/ml	CLCR100
<b>CL8967B</b>	Biotin	100µg	0.1 mg/ml	CLCR115
<b>CL8967B-3</b>	Biotin	300µg	0.1 mg/ml	CLCR115
<b>CL8967F</b>	FITC	100µg	0.1 mg/ml	CLCR101
<b>CL8967F-3</b>	FITC	300µg	0.1 mg/ml	CLCL101
<b>CL8967PE</b>	PE	100µg	0.1 mg/ml	CLCR104
<b>CL8967PE-3</b>	PE	300µg	0.1 mg/ml	CLCR104
<b>CL8967AF4</b>	Alexa Fluor <sup>®</sup> 488	100 µg	0.1 mg/ml	N/A
<b>CL8967AF6</b>	Alexa Fluor <sup>®</sup> 647	100 µg	0.1 mg/ml	N/A

Alexa Fluor<sup>®</sup> is a registered trademark of Life Technologies Corporation.

Isotype: Rat IgG<sub>1</sub>

**DESCRIPTION:**

Cedarlane's PE anti-mouse CD134 monoclonal antibody detects the mouse OX-40 antigen (CD134) which is a member of the tumor necrosis factor (TNF) receptor/nerve growth factor (NGF) receptor superfamily. The OX-40 antigen is the sole receptor for the OX-40 ligand.

This antibody (clone OX-86) labels the OX-40 antigen found on both mouse CD4 and CD8 single positive activated T cells. This is in contrast to rat OX-40 which is only found on CD4 positive T blasts (not CD8). Also, the OX-86 mAb does not block binding of the OX-40L.

This antibody is suitable for use in flow cytometry.

**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.

**Biotin, FITC, PE, AF488 and AF647:** Biotin/FITC/PE/AF488/AF647 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, AF488 and AF647 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.

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## **SPECIFICATIONS:**

Clone: OX-86

Hybridoma Production:

Immunization: Immunogen: Recombinant mouse OX-40 antigen

Donor: Rat AO spleen

Fusion Partner: NS1

Specificity: Mouse CD134 (OX-40 antigen)

## **TEST RESULTS:**

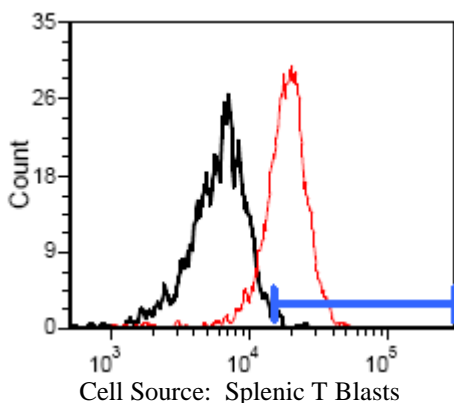
Tissue Distribution by Flow Cytometry Analysis:

Mouse Strain: Balb/c

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

Antibody Concentration Used:  $2.0 \mu\text{g}/10^6$  cells

Percentage of Cells Stained Above Control: 72.7%



**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. Al-Shamkhani A, Birkland ML, Puklavec M, Brown MH, James W, Barclay AN. 1996. OX40 is differentially expressed on activated rat and mouse T cells and is the sole receptor for the OX40 ligand. *Eur Immunology*. 26(8):1695-9.
2. Kjaergaard J, Peng L, Cohen PA, Drabza JA, Weinberg AD, Shu S. 2001. Augmentation versus inhibition: effect of conjugational OX40 receptor monoclonal antibody and IL-2 treatment on adoptive immunotherapy of advanced tumor. *J Immunol*. 167(11):6669-77

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