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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
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CEDARLANE[®]
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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
CL8967AP	Purified	250µg	1.0mg/ml	CLCR100
CL8967B	Biotin	100µg	0.1 mg/ml	CLCR115
CL8967B-3	Biotin	300µg	0.1 mg/ml	CLCR115
CL8967F	FITC	100µg	0.1 mg/ml	CLCR101
CL8967F-3	FITC	300µg	0.1 mg/ml	CLCL101
CL8967PE	PE	100µg	0.1 mg/ml	CLCR104
CL8967PE-3	PE	300µg	0.1 mg/ml	CLCR104
CL8967AF4	Alexa Fluor [®] 488	100 µg	0.1 mg/ml	N/A
CL8967AF6	Alexa Fluor [®] 647	100 µg	0.1 mg/ml	N/A

Alexa Fluor[®] is a registered trademark of Life Technologies Corporation.

Isotype: Rat IgG₁

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% NaN₃. (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% NaN₃ 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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registered company.

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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:

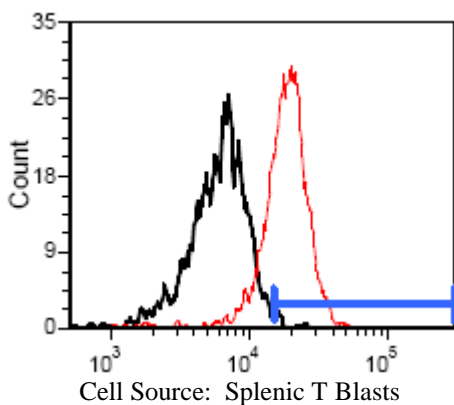
Tissue Distribution by Flow Cytometry Analysis:

Mouse Strain: Balb/c

Cell Concentration: 1×10^6 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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