



# SZABO SCANDIC

Part of Europa Biosite

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Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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for the Science of Tomorrow™

**Anti-Rat NK Cells (NKR-P1)  
Monoclonal Antibody**

Catalogue#	Format	Size	Concentration	Isotype Control
<b>CL055AP</b>	Purified	250ug	1.0 mg/ml	CLCMG100
<b>CL055AP-2</b>	Purified	500ug	1.0 mg/ml	CLCMG100
<b>CL055NA</b>	Purified	1.0mg	1.0 mg/ml	CLCMG100
<b>CL055B</b>	Biotin	100ug	0.1 mg/ml	CLCMG115
<b>CL055B-5</b>	Biotin	500ug	0.1 mg/ml	CLCMG115
<b>CL055F</b>	FITC	100ug	0.1mg/ml	CLCMG101
<b>CL055F-5</b>	FITC	500 ug	0.1mg/ml	CLCMG101
<b>CL055PE</b>	PE	50 ug	0.1mg/ml	CLCMG104
<b>CL055PE-4</b>	PE	200 ug	0.1mg/ml	CLCMG104
<b>CL055AF4</b>	Alexa Fluor <sup>®</sup> 488	100 µg	0.1 mg/ml	N/A

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

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

**DESCRIPTION:**

Cedarlane's anti-rat NK cell monoclonal antibody recognizes a 60 kDa disulfide linked homodimer known as NKR-P1. This type II transmembrane glycoprotein is found on rat NK cells and large granular lymphocytes.

This antibody is suitable for flow cytometry. It is also reported to work with frozen sections.

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

**No Azide:** Purified Ig buffered in PBS, no preservative, 0.2µm sterile filtered.

**STORAGE/STABILITY:**

For all formats, store at 4°C. DO NOT FREEZE **PE and AF488** conjugates. For long term storage (**Purified, Biotin, FITC, No Azide**), aliquot and freeze unused portion at -20°C in volumes appropriate for single usage. Avoid freeze/thaw cycles.

Visit our website for your local distributor.

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## **SPECIFICATIONS:**

Clone: 10-78

Immunogen: Purified splenic NK cells from the LEW rat strain.

Specificity: Rat NK cells (NKR-P1)

## **TEST RESULTS:**

Tissue Distribution by Flow Cytometry Analysis:

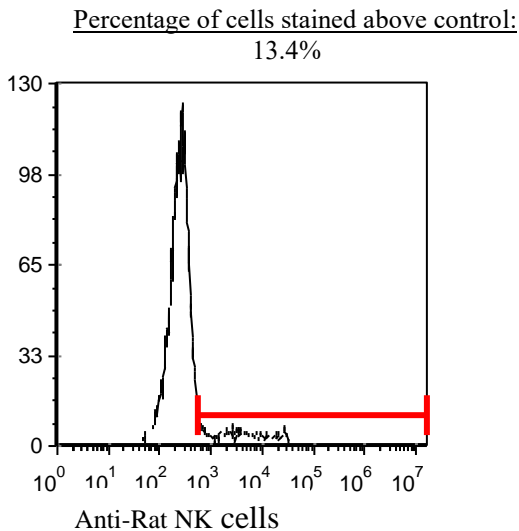
Rat Strain: Fischer

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

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

Cell Source

Splenic T Cells\*



\*(T cells isolated with CL102 - Cedarlane's Rat T Cell Recovery Column Kit)

**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:**

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9. Chambers, W.H., *et al.* (1992). Functional heterogeneity between NKR-P1<sup>bright</sup>/*Lycopersicon esculentum lectin* (L.E.)<sup>bright</sup> and NKR-P1<sup>bright</sup>/L.E.<sup>dim</sup> subpopulations of rat natural killer cells. *J. Immunol.* **148**:3658-3665 (no. 11).

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