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

<table>
<thead>
<tr>
<th>Catalogue#</th>
<th>Format</th>
<th>Size</th>
<th>Concentration</th>
<th>Isotype Control</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL055AP</td>
<td>Purified</td>
<td>250µg</td>
<td>1.0 mg/ml</td>
<td>CLCMG100</td>
</tr>
<tr>
<td>CL055AP-2</td>
<td>Purified</td>
<td>500µg</td>
<td>1.0 mg/ml</td>
<td>CLCMG100</td>
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<tr>
<td>CL055NA</td>
<td>Purified</td>
<td>100µg</td>
<td>1.0 mg/ml</td>
<td>CLCMG100</td>
</tr>
<tr>
<td>CL055B</td>
<td>Biotin</td>
<td>100µg</td>
<td>0.1 mg/ml</td>
<td>CLCMG115</td>
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<tr>
<td>CL055B-5</td>
<td>Biotin</td>
<td>500µg</td>
<td>0.1 mg/ml</td>
<td>CLCMG115</td>
</tr>
<tr>
<td>CL055F</td>
<td>FITC</td>
<td>100µg</td>
<td>0.1 mg/ml</td>
<td>CLCMG101</td>
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<tr>
<td>CL055F-5</td>
<td>FITC</td>
<td>500µg</td>
<td>0.1 mg/ml</td>
<td>CLCMG101</td>
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<tr>
<td>CL055PE</td>
<td>PE</td>
<td>50µg</td>
<td>0.1 mg/ml</td>
<td>CLCMG104</td>
</tr>
</tbody>
</table>

**Isotype:** Mouse IgG1

**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. Applications: Flow cytometry  
Also reported to work with frozen sections.

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

**SPECIFICATIONS:**

**Clone:** 10-78  
**Specificity:** Rat NK cells (NKR-P1)
TEST RESULTS:

Tissue Distribution by Flow Cytometry Analysis:
Rat Strain: Fischer
Cell Concentration: 1x10^6 cells per test
Antibody Concentration Used: 0.2µg/10^6 cells
Secondary Antibody: FITC Goat Anti-Mouse IgG (CLCC35001)

<table>
<thead>
<tr>
<th>Cell Source</th>
<th>Percentage of cells stained above control:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Splenic T Cells*</td>
<td>9.1%</td>
</tr>
</tbody>
</table>

*(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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