

**DESCRIPTION**

<b>Species Reactivity</b>	Mouse
<b>Specificity</b>	Detects mouse CCRL2/LCCR in direct ELISAs.
<b>Source</b>	Monoclonal Rat IgG <sub>1</sub> Clone # 498321
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	RBL-1 rat basophilic leukemia cell line transfected with mouse CCRL2/LCCR Accession # O35457
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 µm filtered solution in PBS.

**APPLICATIONS**

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

	<b>Recommended Concentration</b>	<b>Sample</b>
<b>Flow Cytometry</b>	2.5 µg/10 <sup>6</sup> cells	See Below
<b>Immunocytochemistry</b>	8-25 µg/mL	See Below
<b>CyTOF-ready</b>	Ready to be labeled using established conjugation methods. No BSA or other carrier proteins that could interfere with conjugation.	

**DATA**

<p><b>Flow Cytometry</b></p>	<p><b>Detection of CCRL2/L-CCR in RAW 264.7 Mouse Cell Line by Flow Cytometry.</b> RAW 264.7 mouse monocyte/macrophage cell line was stained with Rat Anti-Mouse CCRL2/L-CCR Monoclonal Antibody (Catalog # MAB5519, filled histogram) or isotype control antibody (Catalog # MAB005, open histogram), followed by Phycoerythrin-conjugated Anti-Rat IgG Secondary Antibody (Catalog # F0105B).</p>	<p><b>Immunocytochemistry</b></p>	<p><b>CCRL2/L-CCR/CRAM-A/B in RAW 264.7 Mouse Cell Line.</b> CCRL2/L-CCR/CRAM-A/B was detected in immersion fixed RAW 264.7 mouse monocyte/macrophage cell line using Rat Anti-Mouse CCRL2/L-CCR/CRAM-A/B Monoclonal Antibody (Catalog # MAB5519) at 10 µg/mL for 3 hours at room temperature. Cells were stained using the NorthernLights™ 557-conjugated Anti-Rat IgG Secondary Antibody (red; Catalog # NL013) and counterstained with DAPI (blue). Specific staining was localized to cytoplasm. View our protocol for <a href="#">Fluorescent ICC Staining of Non-adherent Cells</a>.</p>
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**PREPARATION AND STORAGE**

<b>Reconstitution</b>	Reconstitute at 0.5 mg/mL in sterile PBS.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
<b>Stability &amp; Storage</b>	<b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b> <ul style="list-style-type: none"> <li>● 12 months from date of receipt, -20 to -70 °C as supplied.</li> <li>● 1 month, 2 to 8 °C under sterile conditions after reconstitution.</li> <li>● 6 months, -20 to -70 °C under sterile conditions after reconstitution.</li> </ul>

**BACKGROUND**

Lipopolysaccharide-inducible CC chemokine receptor (LCCR), also known as CCRL2, is a 7TM chemokine receptor-like protein that is expressed on macrophages, glial cells, and mast cells at inflammatory sites. LCCR functions as a receptor for Chemerin, CCL2, 5, 7, and 8. Mouse LCCR shares 49% and 70% aa sequence identity with human and rat LCCR, respectively.