

**DESCRIPTION**

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|---------------------------|--|
| <b>Species Reactivity</b> | Mouse  |
| <b>Specificity</b>        | Detects mouse CCR6-transfected rat RBL cells but not the parent cell line or cells transfected with mouse CCR5.  |
| <b>Source</b>             | Monoclonal Rat IgG <sub>2A</sub> Clone # 140706  |
| <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 CCR6<br>Met1-Met367<br>Accession # O54689   |
| <b>Conjugate</b>          | Alexa Fluor 594<br>Excitation Wavelength: 590 nm<br>Emission Wavelength: 617 nm  |
| <b>Formulation</b>        | Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details.<br><br>*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions. |

**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> | 0.25-1 µg/10 <sup>6</sup> cells  | Mouse B220 <sup>+</sup> splenocytes |

**PREPARATION AND STORAGE**

|                                |  |
|--------------------------------|--|
| <b>Shipping</b>                | The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.                                    |
| <b>Stability &amp; Storage</b> | <b>Protect from light. Do not freeze.</b> <ul style="list-style-type: none"> <li>● 12 months from date of receipt, 2 to 8 °C as supplied.</li> </ul> |

**BACKGROUND**

CCR6 is a seven transmembrane-spanning G protein-coupled receptor that binds the chemokine MIP-3α and mediates the chemoattraction of B and T lymphocytes.

**PRODUCT SPECIFIC NOTICES**

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