### Species Reactivity
- **Mouse**

### Specificity
- Detects mouse CCR6-transfected rat RBL cells but not the parent cell line or cells transfected with mouse CCR5.

### Source
- Monoclonal Rat IgG2A, Clone # 140706

### Purification
- Protein A or G purified from hybridoma culture supernatant

### Immunogen
- RBL-1 rat basophilic leukemia cell line transfected with mouse CCR6 Met1-Met367
- Accession # O54689

### Conjugate
- Allophycocyanin
- Excitation Wavelength: 620-650 nm
- Emission Wavelength: 660-670 nm

### Formulation
- Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details.

*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.

<table>
<thead>
<tr>
<th>Sample</th>
<th>Recommended Concentration</th>
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<tbody>
<tr>
<td>Flow Cytometry</td>
<td>10 µL/10^6 cells</td>
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### DATA

**Flow Cytometry**

Detection of CCR6 in Mouse Splenocytes by Flow Cytometry. Mouse splenocytes were stained with (A) Rat Anti-Mouse CCR6 APC-conjugated Monoclonal Antibody (Catalog # FAB590A) or (B) Rat IgG2A control antibody (Catalog # IC006A) and Rat Anti-Mouse B220/CD45R Fluorescein-conjugated Monoclonal Antibody (Catalog # FAB1217F). View our protocol for Staining Membrane-associated Proteins.

### PREPARATION AND STORAGE

**Shipping**
- The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

**Stability & Storage**
- Protect from light. Do not freeze.
- 12 months from date of receipt, 2 to 8 °C as supplied.

### 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.