**Mouse CCR3 PE-conjugated Antibody**

Monoclonal Rat IgG2A Clone # 83101

Catalog Number: FAB729P

100 µg, 25 µg

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**DESCRIPTION**

**Species Reactivity**  
Mouse

**Specificity**  
Detects mouse CCR3. Specifically stains mouse CCR3 transfectants but not the parental cell lines. Does not cross-react with Y3 cells transfected with human CCR3.

**Source**  
Monoclonal Rat IgG2A Clone # 83101

**Purification**  
Protein A or G purified from hybridoma culture supernatant

**Immunogen**  
Y3 rat myeloid cell line transfected with mouse CCR3

Met1-Phe359

Accession # P51678

**Conjugate**  
Phycoerythrin

Excitation Wavelength: 488 nm

Emission Wavelength: 565-605 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.

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**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>Recommended Concentration</th>
<th>Sample</th>
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<tr>
<td>0.25-1 µg/10^6 cells</td>
<td>See Below</td>
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**DATA**

**Flow Cytometry**

Detection of CCR3 in Mouse Splenocytes by Flow Cytometry. Mouse splenocytes were stained with Rat Anti-Mouse CCR3 PE-conjugated Monoclonal Antibody (Catalog # FAB729P) and Rat Anti-Mouse Gr-1/Ly-6G Fluorescein-conjugated Monoclonal Antibody (Catalog # FAB1037F). Quadrant markers were set based on control antibody staining (Catalog # IC006P). View our protocol for Staining Membrane-associated Proteins.

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**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.

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**BACKGROUND**

CCR3 is a G protein-linked seven transmembrane receptor that is activated by several different chemokines. It is expressed on subsets of granulocytes, monocytes, T cells and epithelial cells.

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