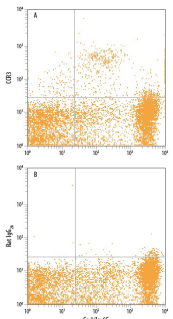


| DESCRIPTION | |
|---------------------------|--|
| Species Reactivity | Mouse |
| Specificity | Detects mouse CCR3. Specifically stains mouse CCR3 transfectants but not the parental cell lines. Does not cross-react with Y3 cells transfected with human CCR3. |
| Source | Monoclonal Rat IgG _{2A} Clone # 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 | 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. <i>General Protocols</i> are available in the <i>Technical Information</i> section on our website. | | |
| | Recommended Concentration | Sample |
| Flow Cytometry | 0.25-1 µg/10 ⁶ cells | See Below |

| DATA | |
|---|---|
| <p>Flow Cytometry</p>  | <p>Detection of CCR3 in Mouse Peripheral Blood Cells by Flow Cytometry. Mouse peripheral blood cells were stained with Rat Anti-Mouse Gr-1/Ly-6G PE-conjugated Monoclonal Antibody (Catalog # FAB1037P) and either (A) Rat Anti-Mouse CCR3 APC-conjugated Monoclonal Antibody (Catalog # FAB729A) or (B) Rat IgG_{2A} Allophycocyanin Isotype Control (Catalog # IC006A). View our protocol for Staining Membrane-associated Proteins.</p> |

| 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. <ul style="list-style-type: none"> ● 12 months from date of receipt, 2 to 8 °C as supplied. |

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.