

DESCRIPTION

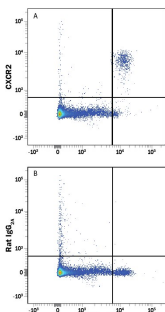
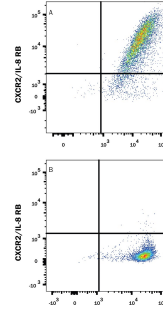
| | |
|---------------------------|--|
| Species Reactivity | Mouse |
| Specificity | Stains mouse CXCR2-transfected cells but not CXCR1 transfectants. |
| Source | Monoclonal Rat IgG _{2A} Clone # 242216 |
| Purification | Protein A or G purified from hybridoma culture supernatant |
| Immunogen | C6 rat glioma cell line transfected with mouse CXCR2 Met1-Leu359 Accession # P35343 |
| 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.

| | Recommended Concentration | Sample |
|-----------------------|----------------------------------|-----------|
| Flow Cytometry | 10 μ L/10 ⁶ cells | See Below |

DATA

| | |
|--|--|
| <p>Flow Cytometry</p>  <p>Detection of CXCR2/IL-8 RB in Mouse Splenocytes by Flow Cytometry. Mouse splenocytes were stained with Rat Anti-Mouse Gr-1/Ly-6G Fluorescein-conjugated Monoclonal Antibody (Catalog # FAB1037F) and either (A) Rat Anti-Mouse CXCR2/IL-8 RB APC-conjugated Monoclonal Antibody (Catalog # FAB2164A) or (B) Rat IgG₁ Allophycocyanin Isotype Control (Catalog # IC005A). View our protocol for Staining Membrane-associated Proteins.</p> | <p>Flow Cytometry</p>  <p>Detection of CXCR2/IL-8 RB in HEK293 Human Cell Line Transfected with Mouse CXCR2/IL-8 RB and eGFP by Flow Cytometry. HEK293 human embryonic kidney cell line transfected with either (A) mouse CXCR2/IL-8 RB or (B) mouse CXCR1/IL-8 RA and eGFP was stained with Rat Anti-Mouse CXCR2/IL-8 RB APC-conjugated Monoclonal Antibody (Catalog # FAB2164A). Quadrant markers were set based on control antibody staining (Catalog # IC005A). 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

CXCR2, also known as IL-8 RB, is a G protein-coupled chemokine receptor expressed on neutrophils. It binds IL-8, GRO α , GRO β , GRO γ , NAP-2, and ENA-78.