

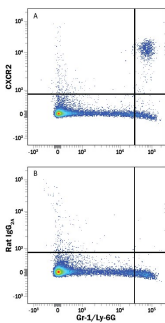
DESCRIPTION	
Species Reactivity	Mouse
Specificity	Stains mouse CXCR2-transfected cells but not CXCR1 transfectants.
Source	Monoclonal Rat IgG _{2A} Clone # 242216
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	C6 rat glioma cell line transfected with mouse CXCR2 Met1-Leu359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

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

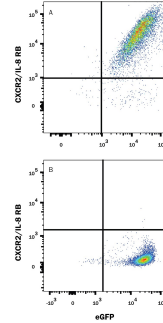
DATA

Flow Cytometry



Detection of CXCR2/IL-8 RB in Mouse Splenocytes by Flow Cytometry. Mouse splenocytes were stained with Rat Anti-Mouse Gr-1/Ly-6G APC-conjugated Monoclonal Antibody (Catalog # FAB1037A) and either (A) Rat Anti-Mouse CXCR2/IL-8 RB PE-conjugated Monoclonal Antibody (Catalog # FAB2164P) or (B) Rat IgG₁ Phycoerythrin Isotype Control (Catalog # IC005P). View our protocol for [Staining Membrane-associated Proteins](#).

Flow Cytometry



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 PE-conjugated Monoclonal Antibody (Catalog # FAB2164P). Quadrant markers were set based on control antibody staining (Catalog # IC005P). 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. <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.