

DESCRIPTION

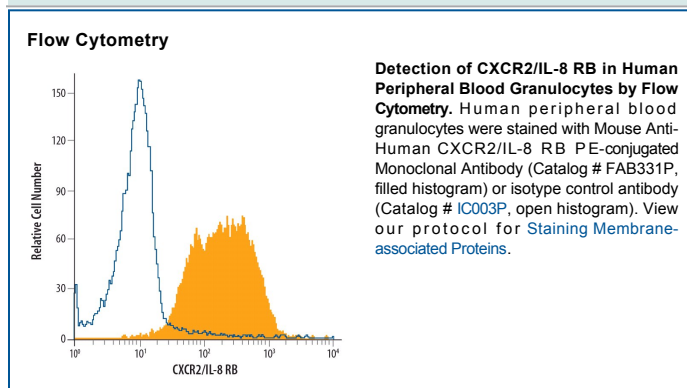
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|---------------------------|--|
| Species Reactivity | Human |
| Specificity | Detects human CXCR2/IL-8 RB transfected NS0 cells but not the parental cell line. It does not cross-react with CXCR1 (IL-8 RA). |
| Source | Monoclonal Mouse IgG _{2A} Clone # 48311 |
| Purification | Protein A or G purified from ascites |
| Immunogen | NS0 mouse myeloma cell line transfected with human CXCR2/IL-8 RB Met1-Leu355 Accession # AAB25880 |
| 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



PREPARATION AND STORAGE

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|--------------------------------|--|
| 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.