Human CXCR1/IL-8 RA PE-conjugated Antibody

Monoclonal Mouse IgG<sub>2A</sub> Clone # 42705
Catalog Number: FAB330P
100 Tests, 25 Tests

**DESCRIPTION**
Species Reactivity | Human
---|---
Specificity | Detects human CXCR1/IL-8 RA transfectants but not the parental cell line. It does not cross-react with human CXCR2.
Source | Monoclonal Mouse IgG<sub>2A</sub> Clone # 42705
Purification | Protein A or G purified from hybridoma culture supernatant
Immunogen | NS0 mouse myeloma cell line transfected with human CXCR1/IL-8 RA Met1-Leu350
Accession # | AAA59159
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.

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<th>Recommended Concentration</th>
<th>Sample</th>
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<tr>
<td>Flow Cytometry</td>
<td>10 µL/10&lt;sup&gt;6&lt;/sup&gt; cells</td>
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**DATA**

Detection of CXCR1/IL-8 RA in Human Blood Granulocytes by Flow Cytometry. Human peripheral blood granulocytes were stained with Mouse Anti-Human CXCR1/IL-8 RA PE-conjugated Monoclonal Antibody (Catalog # FAB330P, filled histogram) or isotype control antibody (Catalog # IC003P, open histogram). 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.
| 12 months from date of receipt, 2 to 8 °C as supplied.

**BACKGROUND**
The human C-X-C chemokine IL-8 is a potent neutrophil chemotactic and activating factor. Two distinct G protein-linked cell surface receptors, known as IL-8 RA (type I or CXCR1) and IL-8 RB (type II or CXCR2), can interact with the IL-8 molecule. These two receptors share 77% amino acid homology. CXCR1 expression has been documented on neutrophils, monocytes, and a small population of T cells.