

## DESCRIPTION

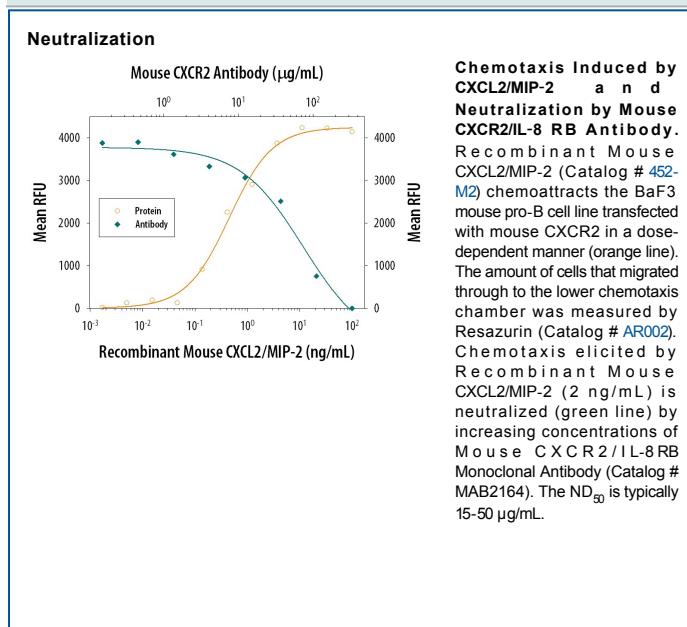
|                           |   |
|---------------------------|---|
| <b>Species Reactivity</b> | Mouse   |
| <b>Specificity</b>        | Stains mouse CXCR2-transfected cells but not irrelevant transfectants.                                      |
| <b>Source</b>             | Monoclonal Rat IgG <sub>2A</sub> Clone # 242216   |
| <b>Purification</b>       | Protein A or G purified from hybridoma culture supernatant  |
| <b>Immunogen</b>          | C6 rat glioma cell line transfected with mouse CXCR2<br>Met1-Leu359<br>Accession # P35343                   |
| <b>Endotoxin Level</b>    | <0.1 EU per 1 µg of the antibody by the LAL method.   |
| <b>Formulation</b>        | Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. |

## 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                                   |
|-----------------------|---|--|
| <b>Flow Cytometry</b> | 2.5 µg/10 <sup>6</sup> cells  | Mouse peripheral blood GR-1+ neutrophils |
| <b>Neutralization</b> | Measured by its ability to neutralize CXCL2/GROβ/MIP-2/CINC-3-induced chemotaxis in the BaF3 mouse pro-B cell line transfected with mouse CXCR2. The Neutralization Dose (ND <sub>50</sub> ) is typically 15-50 µg/mL in the presence of 2 ng/mL Recombinant Mouse CXCL2/GROβ/MIP-2/CINC-3. |  |

## DATA



## PREPARATION AND STORAGE

|                                |   |
|--------------------------------|---|
| <b>Reconstitution</b>          | Reconstitute at 0.5 mg/mL in sterile PBS.   |
| <b>Shipping</b>                | The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.   |
| <b>Stability &amp; Storage</b> | <p><b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b></p> <ul style="list-style-type: none"> <li>● 12 months from date of receipt, -20 to -70 °C as supplied.</li> <li>● 1 month from date of receipt, 2 to 8 °C, reconstituted.</li> <li>● 6 months from date of receipt, -20 to -70 °C, reconstituted.</li> </ul> |

## BACKGROUND

CXCR2, also known as IL-8 RB, is a G protein-coupled chemokine receptor expressed on neutrophils. It binds IL-8, GROα, GROβ, GROγ, NAP-2, and ENA-78.