

DESCRIPTION

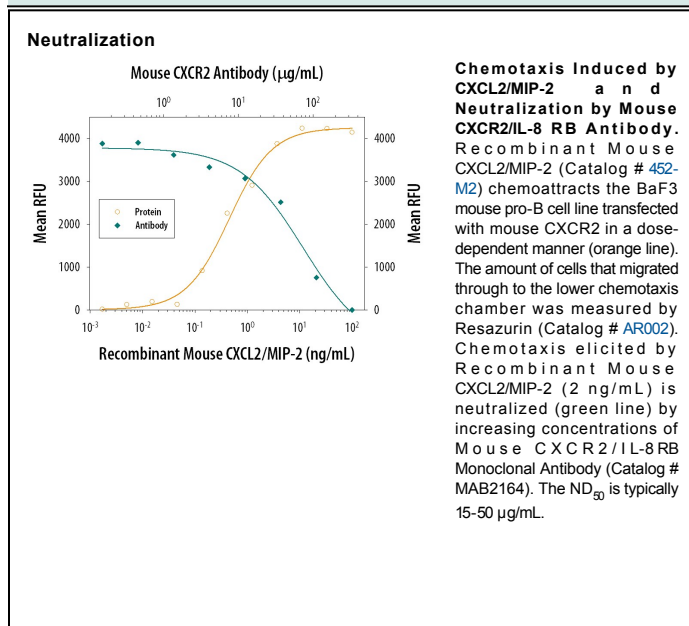
Species Reactivity	Mouse
Specificity	Stains mouse CXCR2-transfected cells but not irrelevant transfectants.
Source	Monoclonal Rat IgG _{2A} Clone # 242216
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	C6 rat glioma cell line transfected with mouse CXCR2 Met1-Leu359 Accession # P35343
Endotoxin Level	<0.10 EU per 1 µg of the antibody by the LAL method.
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 µm filtered solution in PBS.

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	2.5 µg/10 ⁶ cells	Mouse peripheral blood GR-1 ⁺ neutrophils
Neutralization	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 ₅₀) 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

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> • 12 months from date of receipt, -20 to -70 °C as supplied. • 1 month, 2 to 8 °C under sterile conditions after reconstitution. • 6 months, -20 to -70 °C under sterile conditions after reconstitution.

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.