

DESCRIPTION

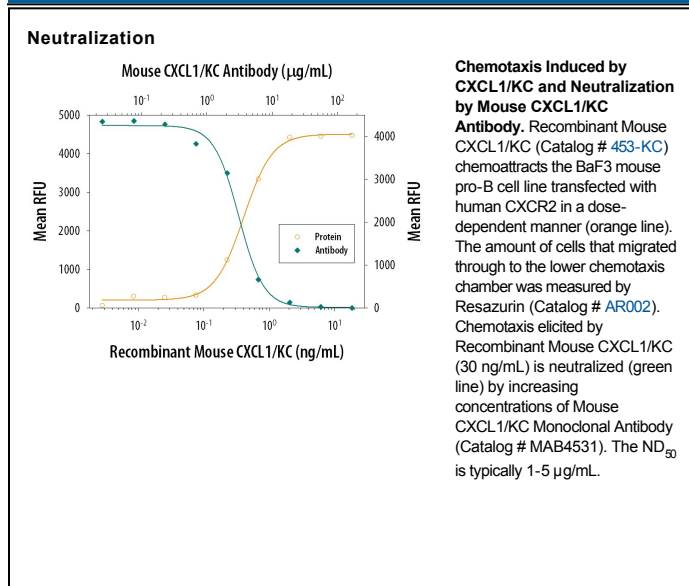
Species Reactivity	Mouse
Specificity	Detects mouse CXCL1 in Western blots. Does not cross-react with recombinant human CXCL2, 3, 5, 6, 8, 9, 10, 11, 12/SDF-1 α , 12/SDF-1 β , 13, recombinant mouse CXCL1, 2, 6, 9, 10, 11, 12/SDF-1 α , 13, 15, recombinant rat (rr) CXCL2, rrCXCL3/CINC-2 α , rrCXCL3/CINC-2 β , rrCXCL5, or recombinant porcine CXCL8.
Source	Monoclonal Rat IgG _{2A} Clone # 124014
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant mouse CXCL1/GRO α /KC/CINC-1 Arg20-Lys96 Accession # P12850
Endotoxin Level	<0.10 EU per 1 μ g of the antibody by the LAL method.
Formulation	Lyophilized from a 0.2 μ m filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 μ m 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
Western Blot	1 μ g/mL	Recombinant Mouse CXCL1/GRO α /KC/CINC-1 aa 20-96 (Catalog # 453-KC) under non-reducing conditions only
Neutralization		Measured by its ability to neutralize CXCL1/GRO α /KC/CINC-1-induced chemotaxis in the BaF3 mouse pro-B cell line transfected with human CXCR2. The Neutralization Dose (ND ₅₀) is typically 1-5 μ g/mL in the presence of 30 ng/mL Recombinant Mouse CXCL1/GRO α /KC/CINC-1 aa 20-96.

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.