

## DESCRIPTION

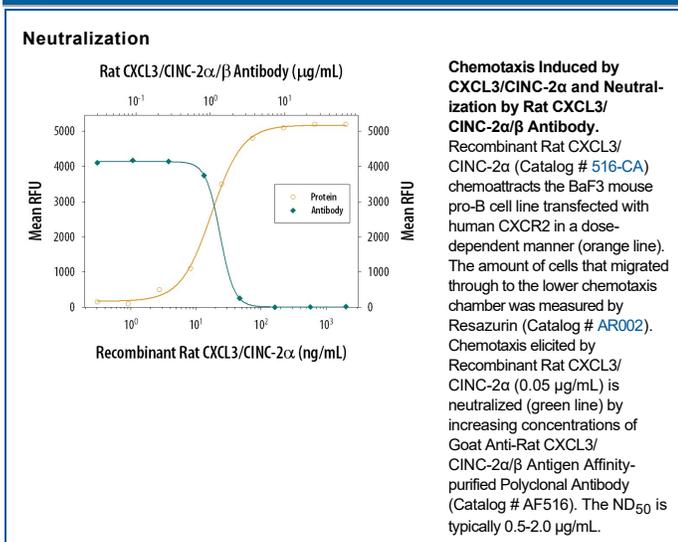
<b>Species Reactivity</b>	Rat
<b>Specificity</b>	Detects rat CXCL3/CINC-2 $\alpha$ / $\beta$ in direct ELISAs and Western blots. In direct ELISAs, greater than 50% cross-reactivity with recombinant rat (rr) CINC-1, rrCINC-2 $\beta$ , and rrCINC-3 is observed, less than 25% cross-reactivity with recombinant mouse (rm) KC, rmMIP-2, recombinant human (rh) GRO $\alpha$ , rhGRO $\beta$ , and rhGRO $\gamma$ is observed, and less than 10% cross-reactivity with rhIL-8 is observed.
<b>Source</b>	Polyclonal Goat IgG
<b>Purification</b>	Antigen Affinity-purified
<b>Immunogen</b>	<i>E. coli</i> -derived recombinant rat CXCL3/CINC-2 $\alpha$ / $\beta$ Arg33-Ser100 Accession # Q10746
<b>Endotoxin Level</b>	<0.10 EU per 1 $\mu$ g of the antibody by the LAL method.
<b>Formulation</b>	Lyophilized from a 0.2 $\mu$ m filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 $\mu$ 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
<b>Western Blot</b>	0.1 $\mu$ g/mL	Recombinant Rat CXCL3/CINC-2 $\alpha$ (Catalog # 516-CA) Recombinant Rat CXCL3/CINC-2 $\beta$ (Catalog # 517-CB)
<b>Neutralization</b>		Measured by its ability to neutralize CXCL3/CINC-2 $\alpha$ -induced chemotaxis in the BaF3 mouse pro-B cell line transfected with human CXCR2. The Neutralization Dose (ND <sub>50</sub> ) is typically 0.5-2.0 $\mu$ g/mL in the presence of 0.05 $\mu$ g/mL Recombinant Rat CXCL3/CINC-2 $\alpha$ .

## DATA



## PREPARATION AND STORAGE

<b>Reconstitution</b>	Reconstitute at 0.2 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. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
<b>Stability &amp; Storage</b>	<b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b> <ul style="list-style-type: none"> <li>12 months from date of receipt, -20 to -70 °C as supplied.</li> <li>1 month, 2 to 8 °C under sterile conditions after reconstitution.</li> <li>6 months, -20 to -70 °C under sterile conditions after reconstitution.</li> </ul>

## BACKGROUND

CINC-2 $\alpha$  and -2 $\beta$  are mRNA splice variant isoforms that differ by only 3 amino acids at their amino-termini. These proteins are CXC chemokines most closely related to human GROs and mouse MIP-2. They are produced by granulation tissue, activated macrophages and fibroblasts. CINC-2 biological activities are mediated by CXCR1 or CXCR2.