

DESCRIPTION

Species Reactivity	Rat
Specificity	Detects rat CXCL3/CINC-2 α / β in Western blots. In Western blots, approximately 100% cross-reactivity with recombinant rat (rr) CINC-2 α is observed, 50% cross-reactivity with recombinant mouse (rm) MIP-2 (non-reducing conditions) is observed, 25% cross-reactivity with rrCINC-1 (non-reducing conditions) is observed, and 5% cross-reactivity with rmKC and recombinant human GRO β (non-reducing conditions) is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant rat CXCL3/CINC-2 α / β Arg33-Leu100 Accession # NP_612531
Formulation	Lyophilized from a 0.2 μ m filtered solution in PBS with BSA as a carrier protein. 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
Western Blot	0.1 μ g/mL	Recombinant Rat CXCL3/CINC-2 α (Catalog # 516-CA) Recombinant Rat CXCL3/CINC-2 β (Catalog # 517-CB)

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <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

CINC-2 α and -2 β 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.