

Code No. 18275

**Anti-Rat
GRO/CINC-2 α (C) Rabbit IgG Affinity Purify**Volume : 100 μ g

Introduction : GRO (Growth Related Oncogene) belonging to IL-8 family is polypeptide which has three isoforms α , β and γ , and it inhibits proliferation of endothelial cells.

GRO/CINC-1 (cytokine-induced neutrophil chemo attractant 1) was originally purified from media conditioned by IL-1 β stimulated rat kidney epithelioid cells (NRK-52E.) Amino acid sequence that encodes rat CINC-1 was identified in 1989 by Watanabe's group at Toyama Medical and Pharmaceutical University. CINC-1 is a member of the alpha (CXC) subfamily of chemokines. Three additional rat CXC chemokines (CINC-2 α , CINC-2 β , CINC-3/MIP-2) have been identified. The protein sequence of CINC-1 is 63 – 67 % identical to that of CINC-2 α , CINC-2 β and CINC-3/MIP-2. In addition, each of GRO α , GRO β and GRO γ is sharing 68 %, 71 % and 69 % identity with CINC-1. This has been suggested that CINCs are the rat counterparts of human GROs.

Antigen : Synthetic peptide of the C terminal part of rat GRO/CINC-2 α **Purification** : Purified with antigen peptide**Form** : Lyophilized product from 1 % BSA in PBS containing 0.05% NaN₃**How to use** : 1.0 mL deionized water will be added to the product (the conc. comes up 100 μ g /mL)**Stability** : Lyophilized product, 5 years at 2 – 8 °C
: Solution, 2 years at –20 °C**Application** : This antibody can be used for western blotting in concentration of about 1 μ g /mL.**Specificity** : Rat GRO/CINC-2 α specific.
Not cross-react with Rat GRO/CINC-1, Rat GRO/CINC-2 β and Rat GRO/CINC-3