

Code No. 18275

**Anti-Rat  
GRO/CINC-2 $\alpha$  (C) Rabbit IgG Affinity Purify**Volume : 100  $\mu$ g

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**Introduction** : GRO (Growth Related Oncogene) belonging to IL-8 family is polypeptide which has three isoforms  $\alpha$ ,  $\beta$  and  $\gamma$ , 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 $\beta$  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 $\alpha$ , CINC-2 $\beta$ , CINC-3/MIP-2) have been identified. The protein sequence of CINC-1 is 63 – 67 % identical to that of CINC-2 $\alpha$ , CINC-2 $\beta$  and CINC-3/MIP-2. In addition, each of GRO $\alpha$ , GRO $\beta$  and GRO $\gamma$  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 $\alpha$ **Purification** : Purified with antigen peptide**Form** : Lyophilized product from 1 % BSA in PBS containing 0.05% NaN<sub>3</sub>**How to use** : 1.0 mL deionized water will be added to the product (the conc. comes up 100  $\mu$ 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  $\mu$ g /mL.**Specificity** : Rat GRO/CINC-2 $\alpha$  specific.  
Not cross-react with Rat GRO/CINC-1, Rat GRO/CINC-2 $\beta$  and Rat GRO/CINC-3

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*For research use only, not for use in diagnostic procedures.*

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