

Code No. 18276

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

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**Introduction** : Cytokine-induced neutrophil chemo attractant 1(CINC-1) was originally purified from media conditioned by IL-1 $\beta$  stimulated rat kidney epithelioid cells (NRK-52E). Amino acid sequence that encodes for 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 $\beta$ , CINC-3/MIP-2. In addition, GRO $\alpha$ , GRO $\beta$  and GRO $\gamma$  is sharing 68%, 71% and 69%, identity with CINC-1. This has been suggested that CINC-1 is the rat counterpart of human GROs.

**Antigen** : Synthetic peptide for C-terminal of rat GRO/CINC-2 $\beta$

**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  $^{\circ}$ C  
: Solution, 2 years at -20  $^{\circ}$ C

**Application** : This antibody can be used for western blotting in concentration of 2 - 5  $\mu$ g /mL.

**Specificity** : Reacts with Rat GRO/CINC-2 $\beta$ .  
Not cross-react with Rat GRO/CINC-1, Rat GRO/CINC-2 $\alpha$  and Rat GRO/CINC-3.