

Code No. 18256

**Anti-Rat
GRO/CINC-1 (C)Rabbit IgG Affinity Purify**Volume : 100 µg

Introduction : Growth Related Oncogene (GRO) /Cytokine-induced neutrophil chemo attractant 1 (CINC-1) was originally purified from media conditioned by IL-1βstimulated 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-2α, CINC-2β, CINC-3/MIP-2) have been identified. The protein sequence of CINC-1 is 63 - 67% identical to that of CINC-2α, CINC-2β, CINC-3/MIP-2. In addition, GROα, GROβ and GROγ 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 peptides of the C-terminal part of rat GRO/CINC-1

Purification : Purified with antigen peptide

Form : Lyophilized product in PBS

How to use : 1.0 mL deionized water will be added to the product (the conc. comes up 100 µg /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 2 - 5 µg /mL.

Neutralization: Inhibits migration of neutrophil (up to 6 nM) at 1010 µg/mL
Activity (inhibits up to 10 nM when use with #18257)

Specificity : Not cross-react with rat GRO/CINC-2α, -2β, -3.

Reference : Kanda Y. *et al.* GRO-alpha in human serum: differences related to age and sex. Amer. J. of Reproductive Immunol. 38 (1), 33-38, 1997.