Anti-Rat
GRO/CINC-1 (N) 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-1β-stimulated rat kidney epithelial 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 CINCs are the rat counterpart of human GROs.

Antigen: Synthetic peptides of the N-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 immunohistochemistry with formalin fixed paraffin embedded tissues by several techniques such as Avidin Biotin Complex (ABC) Method. The optimal concentration is about 2 – 5 μg/mL, however, the concentration should be optimized by each laboratory.
: 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 10 μg/mL
(inhibits up to 10 nM when use with #18256)

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