

Code No. 10071

**Anti-Rat
GRO/CINC-1 (6G2) (C) Mouse IgM MoAb**Volume : 500 µg
Lot No : 9D-404

Introduction : Cytokine-induced neutrophil chemo attractant 1(CINC-1) was originally purified from media conditioned by IL-1 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 , CINC-2 , CINC-3/MIP-2) have been identified. The protein sequence of CINC-1 is 63 - 67% identical to that of CINC-2 , CINC-2 , CINC-3/MIP-2. In addition, GRO , GRO and GRO 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 to C-terminal of Rat GRO/CINC-1

Source : Mouse-Mouse hybridoma (X63-Ag8.653 X BALB/c)

Clone : 6G2

Subclass : IgM

Purification : Purified by anti-mouse IgM from ascites

Form : Lyophilized product from 1% BSA in PBS containing 0.05%NaN₃

How to use : 1 ml distilled water will be added to the product

Dilution : PBS (pH7.4) containing 1% BSA

Stability : Lyophilized product, 5 years at 2 – 8
: Solution, 2 years at –20

Application : This antibody can be used for western blotting in concentration of 5 ~ 10 µg/ml.

Specificity : No react with N-terminal of Rat GRO/CINC-1, Rat GRO/CINC-2 alpha, Rat GRO/CINC-2 beta, Rat GRO/CINC-3, Mouse MIP-2, Human GRO alpha and Human IL-8.

Reference : Yagihashi A. et al., Prevention of small intestinal ischemiareperfusion injury in rat by anti-cytokine-induced neutrophil chemoattractant monoclonal antibody. J. of Surg. Res., 1998: **78** (2), 92-96

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IBL Co., LTD. 5-1 Aramachi, Takasaki-Shi, Gunma, 370-0831, JAPAN
TEL: +81 (0)27-310-8040 FAX: +81 (0)27-310-8045 URL: <http://www.ibl-japan.co.jp> E-Mail: do-ibl@ibl-japan.co.jp