

Code No. 18296

**Anti-Mouse  
MIP-2 Rabbit IgG**Volume : 100 µg

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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 CINCs are the rat counterpart of human GROs.

**Antigen** : Synthetic peptide of Mouse MIP-2

**Source** : Serum

**Purification** : Purified with Protein A

**Form** : Lyophilized product from 1% BSA in PBS containing 0.05% NaN<sub>3</sub>

**How to use** : 1.0 ml distilled water will be added to the product

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

**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 2–5 µg/ml.

**Specificity** : Mouse MIP-2 and Rat GRO/CINC-3 specific. Non-crossreact to Mouse KC, Rat GRO/CINC-1, Rat GRO/CINC-2 $\alpha$  and Rat GRO/CINC- $\beta$  .

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