GRO/CINC-1 (CT) Polyclonal Antibody

Product Specifications

Catalog Number:	905-095
Host:	Rabbit
Species Reactivity:	Rat GRO/CINC-1; does not cross react with rat GRO/CINC-2α, rat GRO/CINC-2β and rat GRO/CINC-3
Applications: *The optimal dilution for a specific application must be determined by the investigator*	**WB:** 2-5 µg/mL **IHC:** 2-5 µg/mL *This antibody can be stained in frozen sections by several Immuno-histochemical techniques such as Avidin-Biotin Complex (ABC) Method.*
Concentration:	See product label
Purification:	Peptide Affinity
Format:	Lyophilized in PBS, pH 7.4, 1% BSA, 0.05% sodium azide; reconstitute with 1 mL distilled water
Storage: *Shipping conditions may differ from the recommended storage temperature*	Store lyophilized at 4°C; store reconstituted at –20°C
Immunogen:	Synthetic peptide derived from the carboxy-terminus of rat GRO/CINC-1, conjugated to bovine thyroglobulin
Related Products:	
900-074	GRO/CINC-1 EIA Kit

Background:

Cytokine-induced neutrophil chemoattractant 1 (CINC-1) belongs to the alpha (CXC) subfamily of chemokines. Originally purified from media conditioned by IL-1b stimulated rat kidney epithelioid cells (NRK-52E), Watanabe's group at Toyama Medical and Pharmaceutical University identified the amino acid sequence that encodes rat CINC-1 in 1989. Researchers subsequently identified additional rat CXC chemokines CINC-2α, CINC-2β, and CINC-3/MIP-2. The protein sequence of CINC-1 shares 63-67% sequence identity with that of CINC-2α, CINC-2β, CINC-3/MIP-2. In addition, GROα, GROβ and GROγ respectively share 68%, 71% and 69% identity with CINC-1. Some believe that CINCs represent the rat counterpart of human GROs.

Reference(s):

1. Kanda, Y., *et al*., (1997) Am J Reprod Immunol. **38**, 33-38.

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Last Revised: 10/25/2007