

Code No. 18401

**Anti-Human
IL-8 (C) Rabbit IgG Affinity Purify**

Volume : 100 µg

Introduction : Interleukin-8 (IL-8) is leukocyte chemotactic factor produced by stimulating inflammatory-cytokine such as IL-1 and TNF and by subsequent producing from different cells such as leukocyte, fibroblast and endothelial cell. It is recognized that IL-8 has various biological activities against neutrophil cell, T cell, and basophil *in vivo* and *in vitro*. For example, representative action of IL-8 against neutrophil cell is chemotaxis and exocytosis. So IL-8 is considered as important mediator in forming inflammation *in vivo*. It is reported that IL-8 has relevant to pathologic condition and development on such as inflammatory affection (ex. rheumatoid arthritis, gout), psoriasis, ARDS and asthma.

Antigen : Synthetic peptide of the C terminal part of Human IL-8 (QRVVEKFLKRAENS)

Purification : Purified with antigen peptide

Form : Lyophilized product from 1 % BSA 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 - 10 µg /mL.

Specificity : Not cross-react with Human GRO α /MGSA, Rat GRO /CINC-1, 2 \cdot α , 2 β , 3