

Code No. 18611

**Anti-Rat
IL-6 (N) Rabbit IgG Affinity Purify**

Volume : 100 µg

Introduction : Interleukin-6 (IL-6) is one of cytokines which was found as a B cell differentiation-inducing factor. In these days, IL-6 is generating a lot of attention not only from antibody-producing system but also from assorted physiologically activity such as induction in biosynthesis of acute stage protein in hepatocytes and acceleration of proliferation based on synergism with IL-3. It consistently becomes clear that IL-6 has relevance to pathologic condition. For example, it is reported that growth factor of multiple disease is IL-6, and that myeloma cell itself produces IL-6 and expresses IL-6 receptor. Further, participation of IL-6 to various inflammatory disease and autoimmune disease is suggested.

Antigen : Synthetic peptide of the N terminal part of Rat IL-6

Purification : Purified with antigen peptide

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

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 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.

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