

anti-human Interleukin-6 no azide

Monoclonal Antibody IL-6 to IL-6 (Human)

Cat-No: 21670060

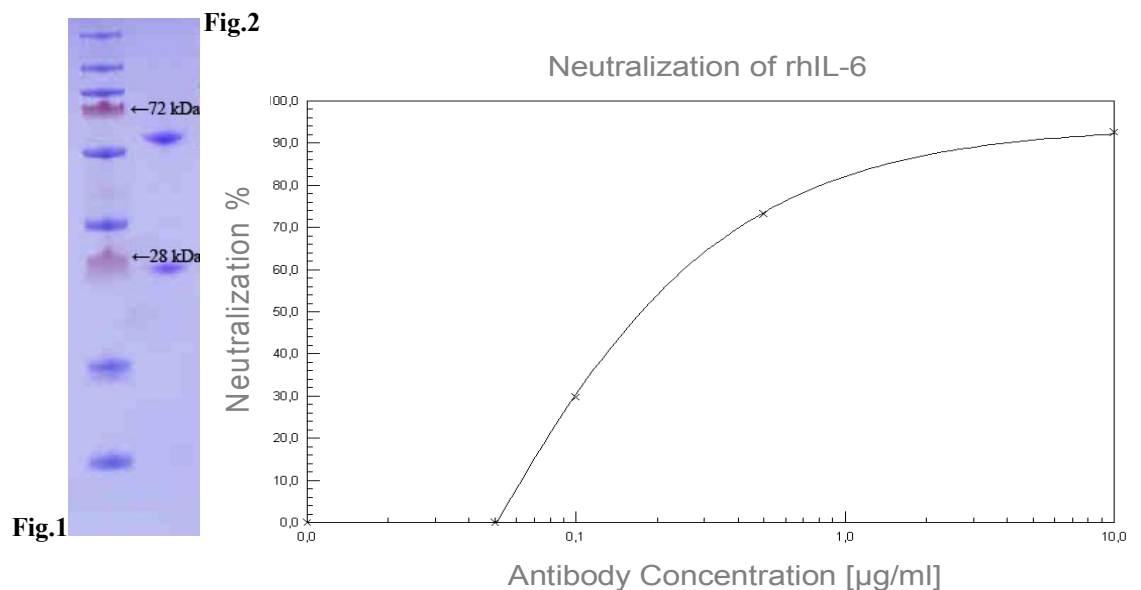
100 µg in 100 µl

Clone: 8C9

Specificity: Neutralization of human IL-6 bioactivity

The concentration of antibody clone 8C9 required to neutralize human IL-6 bioactivity depends on cellular species, growth conditions and the customer-specific type of study. To provide a guideline the Neutralization dose₅₀ (**ND**₅₀) was determined for this antibody under specific conditions.

This specific **ND**₅₀ is defined as that concentration of antibody clone 8C9 required to yield one-half maximal inhibition of rhIL-6 bioactivity on the responsive cell line hIL-6R transfected cells when rhIL-6 is present at an adequate concentration to get a maximum response. The **ND**₅₀ of the anti-hIL-6-antibody clone 8C9 is approximately **0.1-0.15 µg/ml**.



Isotype subclass: Mouse IgG2b kappa

Form: Purified with ion exchange column method.

Physical state: Liquid

Buffer/Additives/Preservative: sterile PBS (pH 7.2).

Expiration date: The reagent is stable until the expiry date stated on the vial label.

Storage conditions: Aliquot and store at -20°C. Avoid freeze/thaw cycles. Should be handled under aseptic conditions.

Application: functional application + Neutralisation

Background: IL-6 is a cytokine with a wide variety of biological functions: it plays an essential role in the final differentiation of B-cells into immunoglobulin secreting cells, induces myeloma and plasmacytoma growth and induces also nerve cells differentiation. In hepatocytes it induces acute phase reactants.

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