

Name: Rabbit Anti-Human SC5b-9 Neoantigen
Catalog Number: A227
Sizes Available: 200 µL
Concentration: 5 mg/mL purified IgG concentration (not affinity purified).
Extinction Coeff. $A_{280\text{ nm}} = 1.35$ at 1.0 mg/mL
Form: Frozen liquid, clear solution.
Buffer: Phosphate-buffered saline, pH 7.2
Activity: 1/4 dilution versus activated NHS assayed by immunodiffusion
Not effective in Western Blots – SDS dissociates antigen.
1/500 to 1/2000 effective concentrations in ELISA.
Preservative: 0.09 % sodium azide, filtered through 0.22 µm filter.
Storage: -20°C or below (long term), +4°C (short term, <30 days)
Source: Rabbits (*Oryctolagus cuniculus*) immunized with highly purified human complement protein.
Specificity: Monospecific for human SC5b-9 complex in plasma. No reaction occurs with non-activated normal human serum or plasma. Reacts with cell surface-bound C5b-9 complex.
Origin: Manufactured in the USA.

General Description

Product is made from polyclonal antiserum from rabbits immunized with highly purified human complement protein. Antisera is stringently adsorbed with normal complement proteins to be monospecific for SC5b-9 neoantigen. Product sold is the purified IgG fraction. Rabbits are maintained in FDA certified facilities.

Physical Characteristics & Structure

Antibodies present in the antisera are primarily IgG.

Applications

Recognizes human SC5b-9 complex in complement-activated plasma.
Reacts with cell surface-bound C5b-9 complex after complement activation.
Western Blots: Not applicable. Antibody recognizes SC5b-9 neoantigen which is destroyed upon denaturation in SDS.
ELISA: Effective at dilutions 1/500 to 1/2000 depending on conditions.
Immunodiffusion: Effective against purified SC5b-9 as well as SC5b-9 in complement-activated NHS or plasma at ¼ dilution.

**FOR RESEARCH USE ONLY.
NOT FOR HUMAN OR DRUG USE.**

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