

<b>Name:</b>	<b>Rabbit Anti-Human SC5b-9 Neoantigen</b>
<b>Catalog Number:</b>	<b>A227C</b>
<b>Sizes Available:</b>	200 $\mu$ L
<b>Concentration:</b>	5 mg/mL purified IgG concentration (not affinity purified).
<b>Extinction Coeff.</b>	$A_{280\text{ nm}} = 1.35$ at 1.0 mg/mL
<b>Form:</b>	Frozen liquid, clear solution.
<b>Buffer:</b>	Phosphate-buffered saline, pH 7.2
<b>Activity:</b>	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.
<b>Preservative:</b>	0.09 % sodium azide, filtered through 0.22 $\mu$ m filter.
<b>Storage:</b>	-20°C or below (long term), +4°C (short term, <30 days)
<b>Source:</b>	Rabbits ( <i>Oryctolagus cuniculus</i> ) immunized with highly purified human complement protein.
<b>Specificity:</b>	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.
<b>Origin:</b>	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 1/4 dilution.