

**Name:** Rabbit Anti-Human rC5a  
**Catalog Number:** A221C  
**Sizes Available:** 1.0 mL  
**Concentration:** >40 mg/mL total protein concentration.  
**Extinction Coeff.**  $A_{280\text{ nm}} = 1.0$  at 1.0 mg/mL  
**Form:** Frozen liquid, clear, yellow/tan colored.  
**Activity:** 1/4 dilution versus activated NHS assayed by immunodiffusion  
1/500 to 1/1000 effective concentrations in Western Blots  
1/500 to 1/2000 effective concentrations in ELISA.  
**Preservative:** 0.09 % sodium azide.  
**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 C5a and C5adesArg in human plasma  
**Origin:** Manufactured in the USA.

### General Description

Product is whole polyclonal antiserum from rabbits immunized with highly purified human complement protein. Product is not a purified IgG fraction. Rabbits are maintained in FDA certified facilities.

### Physical Characteristics & Structure

Antibodies present in the antisera are primarily IgG.

### Applications

Recognizes rC5a, human C5a and human C5adesArg.

Western Blots: Effective at dilutions 1/500 to 1/1000 depending on conditions.

Most effective against non-reduced antigen.

ELISA: Effective at dilutions 1/500 to 1/2000 depending on conditions.

Immunodiffusion: Effective against 50 µg/ml C5a at 1/4 dilution.