



Rabbit Anti-Human C3a

For **Research Use Only**. Not for use in diagnostic procedures

Background

C3a is generated as the result of cleavage of complement protein C3 by soluble C3-convertase during activation of the complement system via the classical, lectin or alternative pathway. The anaphylatoxin C3a in serum is then rapidly cleaved into the more stable C3a-desArg. The detection of C3a-desArg therefore provides a reliable evaluation of the level of complement activation.

Characterization

Highly purified human C3a was isolated and used to immunize rabbits. The Anti-Human C3a polyclonal antisera was tested by immunodiffusion methods and determined to be monospecific for the C3a protein.

Applications

Applications of the Anti-Human C3a antisera have been evaluated, and include immunodiffusion, Western Blot and ELISA.

Specifications

- Volume/vial: 1.0 mL
- Storage: 2°C to 8°C* (≤ 30 days)
- Form: Whole Antiserum
- Preservative: ≤ 0.1% Sodium Azide

Species Cross Reactivity:

Species cross reactivity not tested

*For long-term storage (> 30 days), aliquot and store at ≤ -20°C. Avoid repeated freeze-thaw.

Rabbit Anti-Human C3a – Cat. #A315

Also available:

MicroVue C3a Plus EIA – Cat. #A031 (RUO)
Cat. #A032 (CE)

Anti-human C3a MoAb – Cat. #A203
C3 Protein – Cat. #A401

