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.

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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