

Rabbit Anti-Human C4a

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

Background

Under normal conditions, activation of the classical or lectin complement pathways results in the cleavage of the complement protein, C4 into C4a and C4b by the protease C1s. C4a is rapidly cleaved to its more stable, less active form C4a-des Arg by endogenous serum carboxypeptidase N enzyme. Thus, detection of C4a-des Arg provides a reliable evaluation of classical or lectin complement pathway activation.

Characterization

Highly purified human C4a was isolated and used to immunize rabbits. The Anti-Human C4a polyclonal antisera was tested by immunodiffusion methods and determined to be monospecific for the C4a protein.

Applications

Applications of Anti-Human C4a 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 C4a – Cat. #A316

Also available:

MicroVue C4a Fragment EIA – Cat. #A035 (RUO) Anti-human C4 polyclonal anti-sera – Cat. #A305
Cat. #A036 (CE) C4 Protein – Cat. #A402