

C5a Complement Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250565

Unit: 0.1 mg

Description:

C5 is part of the membrane attack complex (MAC) of the complement system. C5 is split into C5a and C5b by the C5 convertases from the classical and the alternative complement pathway and the C5b fragment initiates the assembly of the terminal MAC (C5b-C9). The molecular mass of C5 is 190 kDa. C5a is later cleaved into C5 anaphylatoxin, a mediator of local inflammation, and C5a'.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: Ch, H, M, R

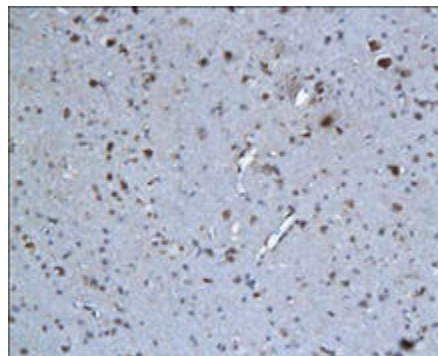
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Complement component C5; Complement component 5 preprotein; C5a complement; C5 alpha chain; C5a anaphylatoxin; C5a'; C5 alpha' chain

Accession No.: NP_001726

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human C5a Complement.

Application Notes: E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500



C5a staining in rat brain. Paraffin-embedded rat brain is stained with C5a antibody (Cat. No. 250565) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

Product Citations: Phieler J. et al. 2013. The Journal of Immunology. 191(8):4367-4374. PMID# 24043887.

For research use only, not for diagnostic or therapeutic procedures.