
C4 Complement Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250123

Unit: 0.1 mg

Description:

The complement component C4 plays a central role in the activation of the classical pathway of the complement system. C4 is cleaved by activated C1 which removes the C4a anaphylatoxin from the alpha chain. The remaining active C4b fragment becomes a subunit of the C3 convertase (C4b2a) and the C5 convertase (C3bC4b2a) enzymes of the classical complement pathway. The C4a anaphylatoxin is a mediator of local inflammatory process. The C4A6 allotype is totally deficient in hemolytic activity. This antibody recognizes the human complement C4 in ELISA.

Isotype: mouse IgG1

Applications: E

Species Reactivity: H

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-A affinity chromatography.

Alternate Names: Complement C4-A; Acidic complement C4; C4 beta chain; C4-A alpha chain; C4a anaphylatoxin; C4b-A; C4d-A; C4 gamma chain; C4A; C4B; Basic complement C4; C4-B alpha chain; C4b-B; C4d-B

Accession No.: P0C0L4, P0C0L5

Antigen: Purified human complement C4 protein

Application Notes: E: 5 mg/ml

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

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