
C4 Complement (25.3E3) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250373

Unit: 0.2 mg

Description:

C4 is a component of the classical complement pathway and is split by activated C1s to C4a and C4b. Together C2a and C4b forms the classical C3 convertase. The molecular mass of C4 is 204 kDa and it consists of 3 subunits: a (97kDa), b (75 kDa) and g (33 kDa). This antibody is specific for human C4.

Isotype: Mouse IgG1/k

Applications: E, WB

Species Reactivity: H

Format: Each vial contains 0.2 mg IgG in 0.2 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-A/G affinity chromatography.

Alternate Names: Axidic complement C4; C3 and PZP-like alph-2-macroglobulin domain-containing protein 2

Accession No.: P0C0L4

Antigen: C4 isolated from human plasma

Application Notes: Product Cat. No. 250373 reacts strongly with C4 in normal human serum when tested in sandwich ELISA with a polyclonal antibody. No reaction is seen with C4-depleted serum. Product Cat. No. 250373 also reacts with C4b immobilized on microplates. Product Cat. No. 250373 reacts in western blot with C4 in both reduced and non-reduced forms. E: 1:32,000; WB: 1:1,000

Storage: Store at 4°C. Product is guaranteed 6 months from the date of shipment.

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