
C2 Complement (6E3) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250309

Unit: 0.2 mg

Description:

Complement component C2 is a component of the classical complement pathway and is involved in activation of C3 and C5. C2 consists of a single polypeptide chain with a molecular mass of 102 kDa. This antibody is specific for C2 from human plasma and serum. Crossreactivity to C2 from other species has not been tested.

Isotype: Mouse IgG1

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: C3/C5 convertase; Complement C2; C2a; C2b

Accession No.: P06681

Antigen: Complement component C2 isolated from human plasma

Application Notes: Product Cat. No. 250309 reacts strongly with C2 in human serum/plasma but no reaction is seen with serum from patients deficient in C2, when tested in sandwich ELISA with a polyclonal antibody against C2. Product Cat. No. 250309 reacts in western blot with C2 and a subfraction of C2 identified as C2b, both under reducing and non-reducing conditions. The antibody also reacts in ELISA with C2 directly coated onto the microtiter well. E: 1:4,000; WB: 1:250

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.