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## **C5 Complement (12F3) Antibody**

**Subcategory:** Mouse Monoclonal Antibody

**Cat. No.:** 250301

**Unit:** 0.2 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. This antibody is specific for human C5. No reaction is seen with plasma from patients deficient in C5.

**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:** Complement component C5; Complement component 5 preprotein

**Accession No.:** NP\_001726

**Antigen:** C5 isolated from human plasma

**Application Notes:** Product Cat. No. 250301 reacts strongly with C5 from normal human plasma and does not with plasma from patients deficient in C5, when tested in sandwich ELISA in combination with a polyclonal antibody against C5. Product Cat. No. 250301 reacts in Western blot with C5 in normal human plasma in nonreduced form only (PEG precipitated C5), but no reaction is seen with plasma from C5-deficient patients. E: 1:6,000; WB: 1:500

**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.