
Factor B (9B8) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250291

Unit: 0.2 mg

Description:

Factor B is a component of the alternative pathway of complement activation. The protein consists of a single polypeptide chain of molecular mass 93 kDa, and has a concentration in plasma of approximately 200 µg/mL. Factor B is cleaved by factor D into the Ba component (30 kDa) and the Bb (63 kDa). Together with C3b, Bb forms the alternative pathway C3 convertase C3bBb. This antibody is specific for the Bb fragment of human factor B. Antibody binding abolishes the formation of C3bBb complexes.

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: C3/C5 convertase; Properdin factor B; Glycine-rich beta glycoprotein; GBG; PBF2

Accession No.: P00751

Antigen: Complement factor B purified from human plasma and adsorbed to aluminum hydroxide gel

Application Notes: Product Cat. No. 250291 reacts strongly with human factor B. Strong reaction is seen when used as detection antibody in sandwich ELISA with a polyclonal capture antibody against factor B. In Western blot, Product Cat. No. 250291 reacts with the Bb fragment of factor B in its non-reduced form only. Product Cat. No. 250291 can be used for the affinity purification of human factor B when coupled to a suitable matrix. E: 1:13,000; 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.