
Factor B Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250119

Unit: 0.1 mg

Description:

The complement factor B is part of the alternate pathway of the complement system. Factor B is cleaved by factor D into two fragments, Ba and Bb, the latter being a serine protease that binds to complement component 3b (C3b) to generate the C3 or C5 convertase. Factor B is involved in proliferation and differentiation of preactivated B-lymphocytes, rapid spreading of peripheral blood monocytes, stimulation of lymphocyte blastogenesis and lysis of erythrocytes. Ba inhibits the proliferation of preactivated B-lymphocytes. Among the 15 variants of factor B gene, the variants His-9 and Gln-32 are associated with a reduced risk of age-related macular degeneration (ARMD). This antibody recognizes human complement factor B in indirect and sandwich ELISA.

Isotype: mouse IgG2b

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 factor B; C3/C5 convertase; Properdin factor B; Glycine-rich beta glycoprotein; GBG; PBF2; Ba fragment; Bb fragment; CFB; BF; BFD

Accession No.: P00751

Antigen: Purified human complement factor B 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.