
Factor I Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250120

Unit: 0.1 mg

Description:

The complement factor I is responsible for cleaving the alpha-chains of C4b and C3b in the presence of the cofactors C4-binding protein and factor H respectively. These protein cleavages inactivate complement components C3b, iC3b and C4b. Factor I consists of a heterodimer of a light and heavy chains linked by disulfide bonds. Factor I deficiencies (CFI) result in increasing risks for pyrogenic infections, such as hemolytic uraemic syndrome (HUS), an acute renal failure in childhood due to E. coli infection. This antibody recognizes human complement factor I in 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 I; C3B/C4B inactivator; Factor I heavy chain; Factor I light chain; CFI; IF

Accession No.: P05156

Antigen: Purified human complement factor I 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.