
Factor I (3D6) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250316

Unit: 0.2 mg

Description:

Factor I, a serine protease, is a regulatory component of both the alternative and the classical complement pathway. Factor I is synthesized as a single chain precursor of 88 kDa, processed to yield the active form, composed of two disulfide-linked chains, the α -chain (50 kDa) and the β -chain (38 kDa). Plasma concentration is 35 μ g/ml. This antibody is specific for the α -chain of human factor I.

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: C3B/C4B inactivator

Accession No.: P05156

Antigen: Factor I isolated from human plasma

Application Notes: Product Cat. No. 250316 reacts strongly with factor I in normal human plasma when used in sandwich ELISA in combination with a polyclonal antibody against factor I as capture antibody. Product Cat. No. 250316 reacts in western blot with factor I in non-reduced form. E: 1:125; WB: 1:100

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.