

Fibrinogen (1D6) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250310

Unit: 0.2 mg

Description:

Fibrinogen, the precursor of fibrin, is the coagulable protein in the blood plasma of vertebrates. Fibrinogen consists as a dimer of 3 pairs of non-identical chains Aa (Mr= 66,800), Bb (Mr= 52,000) and g (Mr=46,500) cross-linked by disulfide bonds in their N-terminal segments. The molecule has 2 terminal D domains and one central E domain, all three domains are separated when fibrinogen is degraded by plasmin. MW is 340 kDa. Concentration in human plasma is 2-3 mg/ml. This antibody is specific for human fibrinogen.

Isotype: Mouse IgG1

Applications: E, WB

Species Reactivity: H

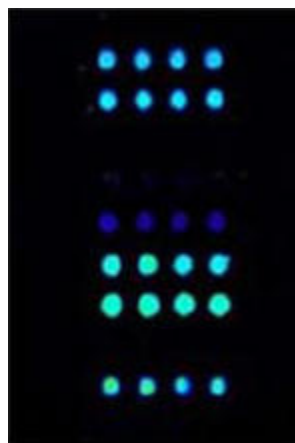
Format: Each vial contains 0.2 mg IgG in 0.2 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-A/G affinity chromatography.

Alternate Names: Fibrinogen alpha chain; FGA

Accession No.: P02671

Antigen: Fibrinogen isolated from human plasma

Application Notes: Product Cat. No. 250310 reacts strongly with fibrinogen in ELISA with factor VIII HP directly coated onto the microtiterwell, and also when tested in sandwich ELISA in combination with a polyclonal antibody against fibrinogen. Product Cat. No. 250310 reacts in western blot with fibrinogen in non-reduced form only. E: 1:8,000; WB: 1:500



Fibrinogen (1D6) Antibody (Cat. No. 250310) is used as detection antibody in an array format to detect fibrinogen in human serum samples. Various polyclonal antibodies are used as capture antibodies (Gonzalez et al. Anal. Biochem. 2011).

Storage: Store at 4°C. Product is guaranteed 6 months from the date of shipment.

Product Citations: Gonzalez R et al. 2011. Analytical Biochemistry. 414(1): 99-102. PMID# 21371419.

For research use only, not for diagnostic or therapeutic procedures.