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Murine Anti-Fibrinogen

Clone 035

Fibrinogen is a dimer of three pairs of disulfide-bonded chains: A α , B β , and γ . Thrombin cleavage of fibrinopeptides A and B on the A α and B β chains of plasma fibrinogen converts the soluble 340 kDa protein into an interconnected network of insoluble fibrin strands. Mab FIB binds human fibrinogen in solid-phase ELISA and western blot applications.

Description

Antibody Source: mouse monoclonal, IgG₁

Antigen Species Bound: human

Specificity: fibrinogen

Immunogen: human fibrinogen

Formulation and Storage

Purity: Purified by protein G affinity chromatography from serum-free cell culture supernatant.

Product Formulation: Lyophilized from a ≥ 1 mg/ml solution in 20 mM NaH₂PO₄ 0.15 M NaCl, 1.0% (w/v) mannitol, pH 7.4. Concentration determined by absorbance measurement at 280 nm and using an extinction coefficient of 1.4 ($\epsilon_{0.1\%}$).

Reconstitution: Reconstitute with deionized water.

Storage: Store lyophilized or reconstituted and aliquoted material at -20° C for prolonged periods. Avoid freeze-thaw cycles. Alternatively, add 0.02% (w/v) sodium azide to reconstituted solution and store at 4° C.

Country of Origin: USA

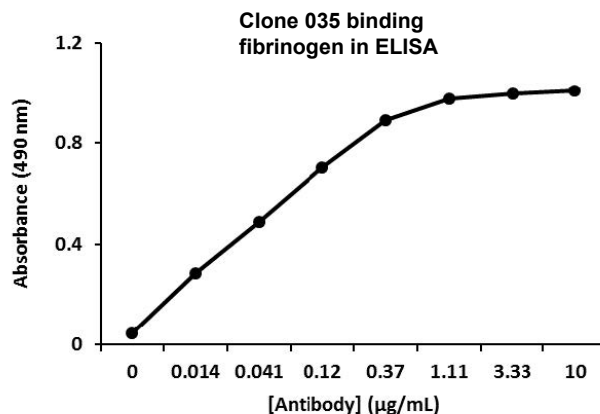
Size Options: 0.1 mg or 0.5 mg

Applications

Working Concentration: Approximately 1-5 μ g/ml. Researcher should titer antibody in specific assay.

ELISA: Binds immobilized fibrinogen.

Immunoblotting: Western blot detects fibrinogen under reduced and non-reduced conditions.



Clone 035 western blot of fibrinogen

