
Gelsolin Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250229

Unit: 0.2 mg

Description:

Gelsolin participates in the extracellular actin scavenger system, binding actin and disaggregating filamentous actin released from dying cells. Actin monomers are then transferred to Gc-globulin. The plasma concentration of gelsolin is reduced in conditions of major actin release, such as acute liver failure, major trauma and rhabdomyolysis, where multi-organ failure is a risk. It has been suggested that gelsolin, like Gc-globulin, can be a prognostic factor in these conditions. This antibody binds human gelsolin.

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: Actin-depolymerizing factor; ADF; Brevin; AGEL

Accession No.: P06396

Antigen: Gelsolin purified from human plasma

Application Notes: The ELISA dilution guideline applies to gelsolin immobilized on microplate coated with a polyclonal capture antibody. Product Cat. No. 250229 does not work as capture antibody in sandwich ELISA. E: 1:4,000; WB:1:100-1:500

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.