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## **Fibronectin (A17) Antibody**

**Subcategory:** Mouse Monoclonal Antibody

**Cat. No.:** 250268

**Unit:** 0.2 mg

### **Description:**

Fibronectin is an adhesive glycoprotein with a molecular mass of 440 kDa. It is believed to be important for the formation of a provisional matrix that promotes cell adhesion and migration during wound healing. Its age-dependent increase in plasma and tissues may be accompanied in pathological states, especially in tumor growth, by its proteolytic breakdown by a number of neutral proteases. It has also shown that several of its proteolytic breakdown products exhibit unexpected and mostly harmful biological activities. This antibody is highly specific for fibronectin. There is no evidence for cross-reactivity with other connective tissue proteins (vitronectin, elastin, collagen, laminin). This antibody reacts with human and chicken fibronectin. Other species have not been tested.

**Isotype:** Mouse IgG1

**Applications:** E, WB, IHC, IP

**Species Reactivity:** B, H, Ck

**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:** FN; Cold-insoluble globulin; CIG

**Accession No.:** P02751

**Antigen:** Lysed bovine corneal endothelial cells and extracellular matrix

**Application Notes:** Product Cat. No. 250268 can be used in ELISA, Western blotting, immunoprecipitation and immunostaining of frozen PLP-fixed sections of bovine and human tissues. The antibody inhibits integrin-mediated cell adhesion to the cell binding domain of fibronectin. It can be used to probe fibronectin conformation. Strong reaction is seen in ELISA with fibronectin directly coated onto the microtiter well. E: 1:4,000; WB: 1:100; IHC: 1:200

**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.