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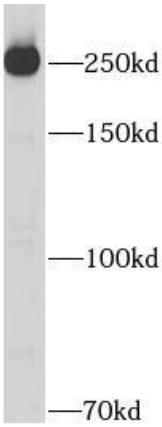
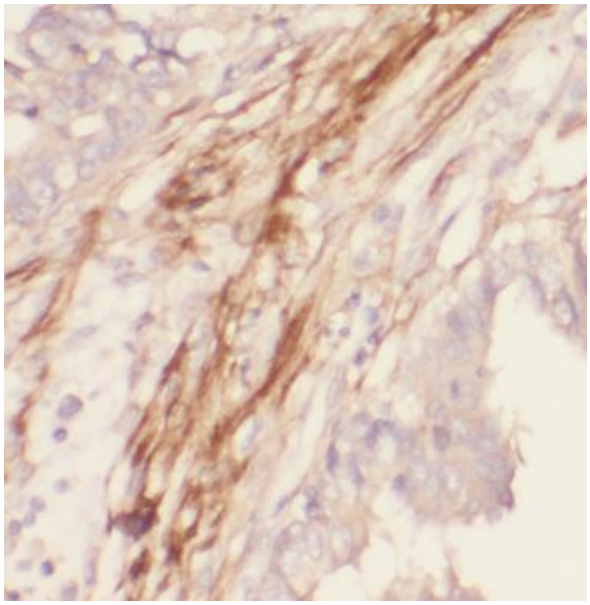
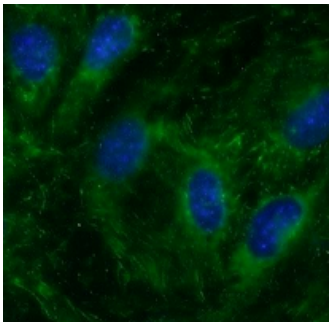
| **Product name:** | Fibronectin Mouse Monoclonal Antibody |
| **Cat number:** | MAB-94752 |
| **Conjugate:** | Unconjugated |
| **Size:** | 100 ug |
| **Clone:** | 3G6 |
| **Concentration:** | 1mg/ml |
| **Host:** | Mouse |
| **Isotype:** | IgG1 |
| **Immunogen:** | fibronectin 1 |
| **Reactivity:** | Human, Mouse |
| **Applications:** | Western Blot: 1:1000-1:2000 Immunohistochemistry: 1: 250-1:500 Immunofluorescence: 1:50-1:200 |
| **Molecular Weight:** | Calculated MW: 260 kDa Observed MW: 285kDa |
| **Purification:** | Protein A+G purification |
| **Form:** | Liquid |
| **Buffer:** | PBS with 0.02% sodium azide and 50% glycerol pH 7.4. |
| **Storage:** | Store at -20℃ for 12 months (Avoid repeated freeze / thaw cycles.) |
| **Background:** | Fibronectin 1(FN1) is a high molecular weight glycoprotein which exists in both a soluble form in plasma(plasma FN1) and other body fluids and an insoluble form in the extracellular matrix(cellular FN1). Plasma FN1(dimeric form) is secreted by hepatocytes. Cellular FN(dimeric or cross-linked multimeric forms), made by fibroblasts, epithelial and other cell types, is deposited as fibrils in the extracellular matrix. FN1 binds to cell surfaces through integrins and to various compounds including collagen, fibrin and heparin. It is involved in cell adhesion and migration processes including embryogenesis, wound healing, hemostasis, host defense, and metastasis. |



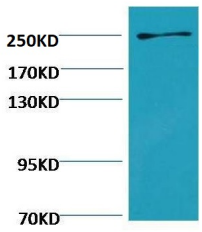

Human plasma tissue were subjected to SDS PAGE followed by western blot with Fibronectin antibody at dilution of 1:6000



Immunohistochemistry of paraffin-embedded human colon cancer tissue slide using Fibronectin antibody at dilution of 1:600



Immunoflluorescence Image using Fibronectin antibody




Western Blot analysis of Hela with Fibronectin