

Product Datasheet

Fibronectin (1E2) Mouse mAb

Catalog No: AB3451

Reactivity: Human, Mouse, Rat

Isotype: Mouse IgG1

Applications: WB, IHC, ICC/IF



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Information

UniProt ID: P02751

All Names: CIG, Cold insoluble globulin, fibronectin 1, FN, fN1, FNZ, GFND, GFND2, Ugl-Y3

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 285kDa

Application

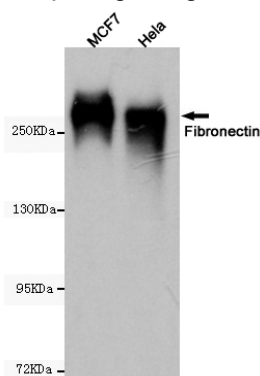
WB: 1/500-1/1000

IHC: 1/50-1/100

ICC/IF: 1/50-1/200

Background

Swiss-Prot Acc.P02751. Fibronectins bind cell surfaces and various compounds including collagen, fibrin, heparin, DNA, and actin. Fibronectins are involved in cell adhesion, cell motility, opsonization, wound healing, and maintenance of cell shape. Involved in osteoblast compaction through the fibronectin fibrillogenesis cell-mediated matrix assembly process, essential for osteoblast mineralization. Participates in the regulation of type I collagen deposition by osteoblasts. Anastellin binds fibronectin and induces fibril formation. This fibronectin polymer, named superfibronectin, exhibits enhanced adhesive properties. Both anastellin and superfibronectin inhibit tumor growth, angiogenesis and metastasis. Anastellin activates p38 MAPK and inhibits lysophospholipid signaling. Sites Feature key Position(s) Description



Western blot analysis of extracts from MCF7 and HeLa cell lysates using Fibronectin Mouse mAb (1:1000 diluted). Predicted band size: 285KDa. Observed band size: 285KDa.

For Research Use Only. Not For Use In Diagnostic Procedures.

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