

Fibronectin Rabbit mAb

Catalog No: #49339

Package Size: #49339-1 50ul #49339-2 100ul

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Description

Product Name	Fibronectin Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	JF0582
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC
Species Reactivity	Human;Mouse
Immunogen Description	recombinant protein
Conjugates	Unconjugated
Other Names	CIG antibody Cold insoluble globulin antibody Cold-insoluble globulin antibody DKFZp686F10164 antibody DKFZp686H0342 antibody DKFZp686I1370 antibody DKFZp686O13149 antibody ED B antibody Fibronectin 1 antibody FINC antibody FINC_HUMAN antibody FN antibody FN1 antibody FN2 antibody GFND antibody GFND2 antibody LETS antibody Migration stimulating factor antibody MSF antibody Ugl-Y3 antibody
Accession No.	Swiss-Prot#:P02751
Calculated MW	272 kDa
SDS-PAGE MW	272 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

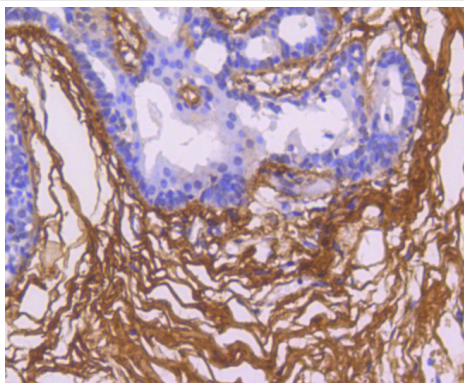
Application Details

WB: 1:1,000

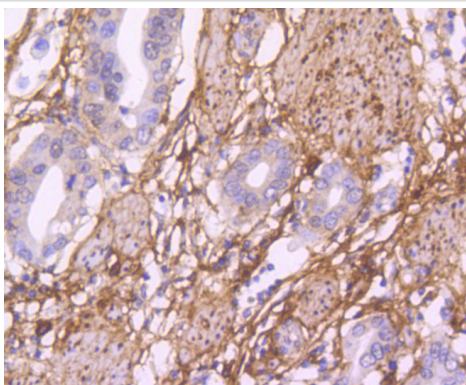
IHC: 1:50-1:200

ICC: 1:100-1:500

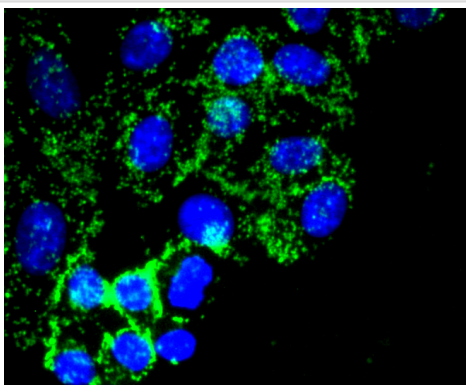
Images



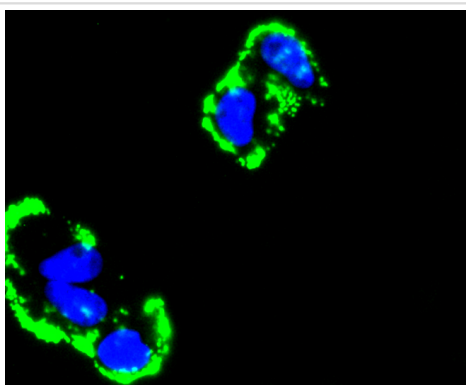
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using anti-Fibronectin antibody. Counter stained with hematoxylin.



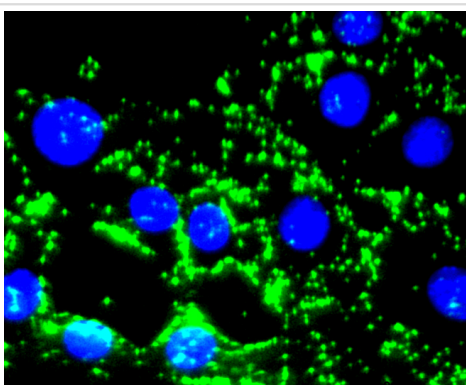
Immunohistochemical analysis of paraffin-embedded human gastric carcinoma tissue using anti-Fibronectin antibody. Counter stained with hematoxylin.



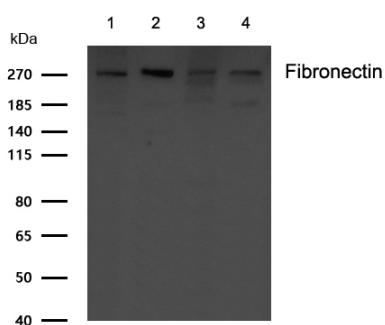
ICC staining Fibronectin in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining Fibronectin in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining Fibronectin in NIH/3T3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



All lanes: Fibronectin Rabbit mAb at 1/1k dilution

Lane 1 : JK whole cell lysates Lane 2 : Human serum cell lysates Lane 3 : Mouse serum cell lysates Lane 4 : Rat serum cell lysates
Lysates/proteins at 20 µg per lane.

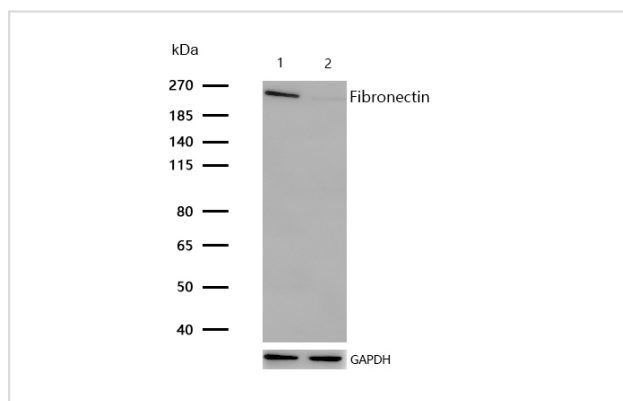
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 272 kDa

Observed band size: 272 kDa

Exposure time: 10 seconds



All lanes: Fibronectin Rabbit mAb at 1/1k dilution

Lane 1 : Wild-type HeLa cell lysate

Lane 2 : Fibronectin Rabbit mAb knockdown HeLa cell lysate

Lysates/proteins at 20 µg per lane.

Background

Fibronectin is an extracellular matrix glycoprotein present on most cell surfaces, in extracellular fluids and in plasma. A high molecular weight heterodimeric protein, it was originally discovered as a protein missing from the surfaces of virus-transformed cells, and it has been shown to be involved in various functions including cell adhesion, cell motility and wound healing. Alternative splicing and glycosylation give rise to several different forms of Fibronectin, some of which exhibit restricted tissue distribution or association with malignancies. It has been shown that Myofibroblast phenotype formation correlates with the occurrence of glycosylated Fibronectin and Fibronectin splice variants in Dupuytren's disease.

References

1. Li C et al. RhoA determines lineage fate of mesenchymal stem cells by modulating CTGF-VEGF complex in extracellular matrix. *Nat Commun* 7:11455 (2016).
2. Beach JA et al. Sphingosine kinase 1 is required for TGF- β mediated fibroblast-to-myofibroblast differentiation in ovarian cancer. *Oncotarget* 7:4167-82 (2016).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.