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Fibronectin Rabbit pAb

Catalog No.: A12932SP **57 Publications**

Basic Information

Observed MW
300 kDa

Calculated MW
72-272 kDa

Category
Primary antibody

Applications
WB,IP,IF/ICC,IHC-P,ELISA

Cross-Reactivity
Human, Mouse, Rat

Background

This gene encodes fibronectin, a glycoprotein present in a soluble dimeric form in plasma, and in a dimeric or multimeric form at the cell surface and in extracellular matrix. The encoded preproprotein is proteolytically processed to generate the mature protein. Fibronectin is involved in cell adhesion and migration processes including embryogenesis, wound healing, blood coagulation, host defense, and metastasis. The gene has three regions subject to alternative splicing, with the potential to produce 20 different transcript variants, at least one of which encodes an isoform that undergoes proteolytic processing. The full-length nature of some variants has not been determined.

Recommended Dilutions

WB	1:4000-1:20000
IP	0.5 μg-4 μg antibody for 200 μg - 400 μg extracts of whole cells
IHC-P	1:500 - 1:2000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.For high-ratio antibody dilutions (≥1:10000)，a sequential dilution method is strongly recommended to ensure measurement accuracy.

Immunogen Information

Gene ID
2335

Swiss Prot
P02751

Immunogen
This information is considered to be commercially sensitive.

Synonyms
FN; CIG; FNZ; MSF; ED-B; FINC; GFND; LETS; GFND2; SMDCF; Fibronectin

Product Information

Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃

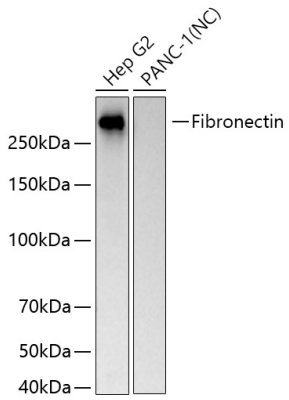
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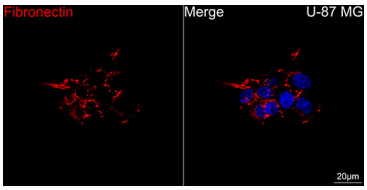
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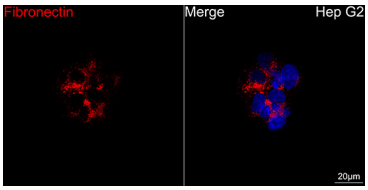
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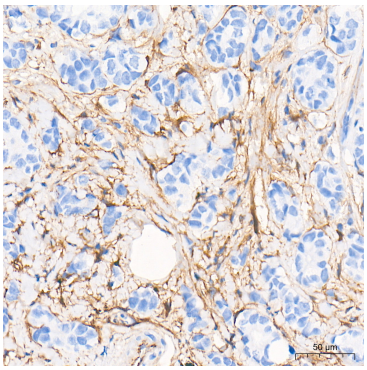
Western blot analysis of various lysates using Fibronectin Rabbit pAb (A12932SP) at 1:10000 dilution incubated overnight at 4℃.|Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.|Lysates/proteins: 25 µg per lane.|Blocking buffer: 3% nonfat dry milk in TBST.|Detection: ECL Basic Kit (RM00020).|Negative control (NC): PANC-1.|Exposure time: 30 s



Confocal imaging of U-87 MG cells using Fibronectin Rabbit pAb (A12932SP, dilution 1:2000) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x



Confocal imaging of Hep G2 cells using Fibronectin Rabbit pAb (A12932SP, dilution 1:2000) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x



Immunohistochemistry analysis of paraffin-embedded Human breast cancer tissue using Fibronectin Rabbit pAb (A12932SP) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.