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Datasheet for ABIN6135676  
**anti-Fibronectin 1 antibody**

2 Images

1 Publication

### Overview

Quantity:	100 µL
Target:	Fibronectin 1 (FN1)
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This Fibronectin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

### Product Details

Immunogen:	A synthetic peptide of human FN1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

### Target Details

Target:	Fibronectin 1 (FN1)
Alternative Name:	FN1 ( <a href="#">FN1 Products</a> )
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

## Target Details

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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.,FN1,CIG,ED-B,FINC,FN,FNZ,GFND,GFND2,LETS,MSF,fibronectin,Cancer,Invasion and Metastasis,Signal Transduction,Cell Biology & Developmental Biology,Cytoskeleton,Extracellular Matrix,Stem Cells,Mesenchymal Stem Cells,Neural Stem Cells,Cardiovascular,Angiogenesis,FN1

Molecular Weight: 71-73 kDa/221-272 kDa

Gene ID: 2335

UniProt: [P02751](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin](#), [Carbohydrate Homeostasis](#), [Autophagy](#)

## Application Details

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Application Notes: WB,1:1000 - 1:2000,IF,1:50 - 1:200

Comment: HIGH QUALITY

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

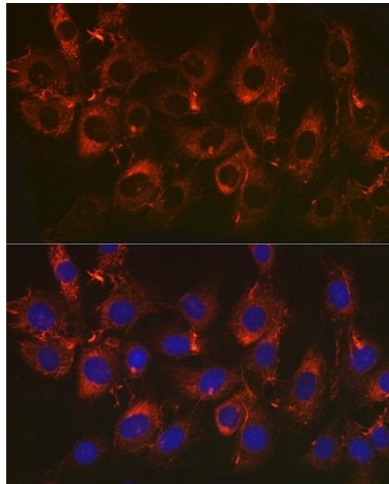
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

## Publications

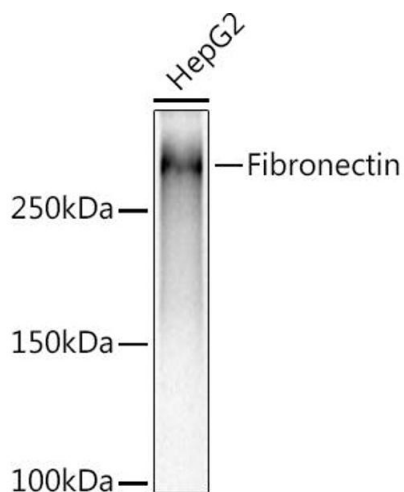
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Product cited in: Xiao, Ye, Zhou, Huang, Liu, Huang, Zhu, Wu, Zhang, Cai: "Baicalin inhibits pressure overload-induced cardiac fibrosis through regulating AMPK/TGF-β/Smads signaling pathway." in:

## Images

**Immunofluorescence**

**Image 1.** Immunofluorescence analysis of NIH/3T3 cells using Fibronectin Rabbit mAb (ABIN6133698, ABIN6135676, ABIN6135677 and ABIN7101415) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.

**Western Blotting**

**Image 2.** Western blot analysis of extracts of HepG2 cells, using (ABIN6133698, ABIN6135676, ABIN6135677 and ABIN7101415) at 1:5000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.