

# Fibronectin Rabbit pAb

Catalog No.: A16678    **26 Publications**

## Basic Information

### Observed MW

272kDa

### Calculated MW

272kDa

### Category

Primary antibody

### Applications

WB,IHC-P,IF/ICC,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	1:1000 - 1:6000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

2335

### Swiss Prot

P02751

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

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

## Contact

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## Product Information

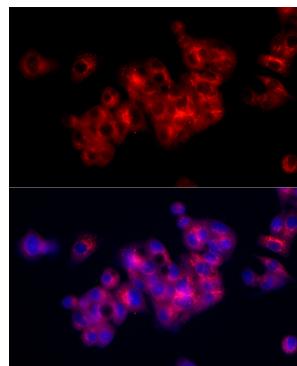
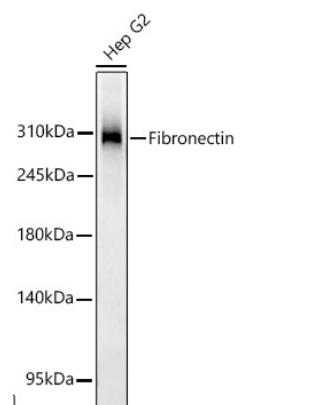
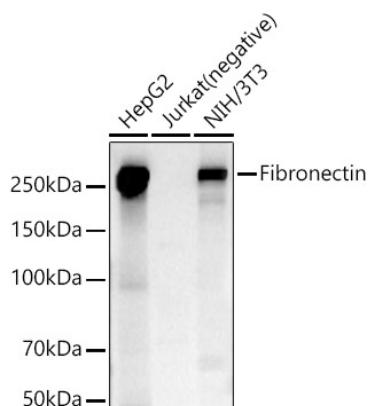
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

### Storage

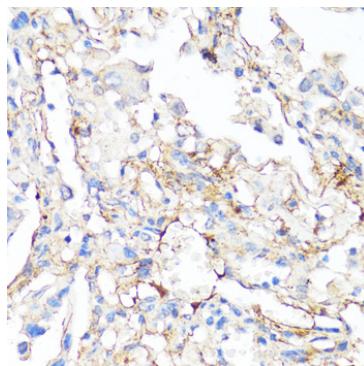
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

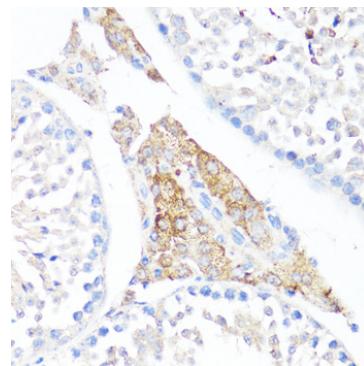
## Validation Data



Immunofluorescence analysis of HepG2 cells using Fibronectin Rabbit pAb (A16678) at dilution of 1:50 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Fibronectin Rabbit pAb (A16678) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse testis Leydig using Fibronectin Rabbit pAb (A16678) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.