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Datasheet for ABIN5557451  
**anti-Fibronectin antibody (AA 2240-2280)**

2 Images

### Overview

Quantity:	100 µL
Target:	Fibronectin
Binding Specificity:	AA 2240-2280
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Fibronectin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Fibronectin
Clone:	1B9
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein G.

### Target Details

Target:	Fibronectin
Abstract:	<a href="#">Fibronectin Products</a>

## Target Details

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**Background:** Synonyms: Fibronectin, FN1, Cold-insoluble globulin, CIG

Background: 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.

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**Gene ID:** 2335

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**UniProt:** [P02751](#)

## Application Details

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**Application Notes:** WB 1:300-5000  
IHC-P 1:200-400  
IF(IHC-P) 1:50-200

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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

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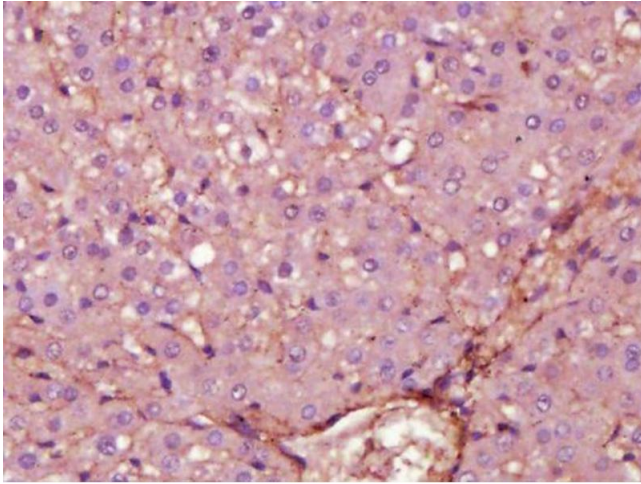
**Storage:** 4 °C,-20 °C

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**Storage Comment:** Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

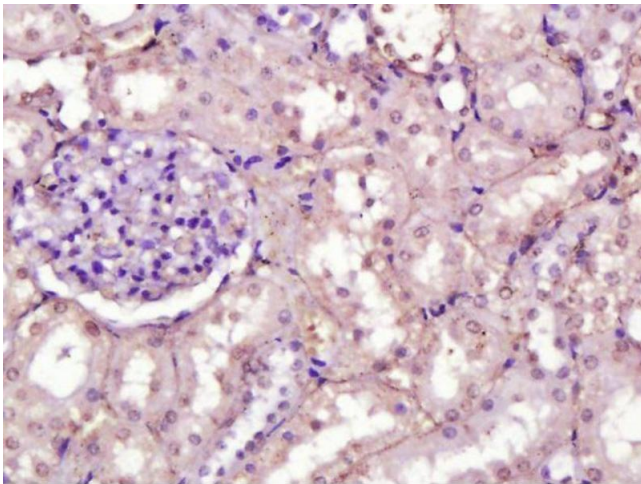
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**Expiry Date:** 12 months



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Paraformaldehyde-fixed, paraffin embedded rat liver section, Antigen retrieval by boiling in sodium citrate buffer (pH6) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes, Blocking buffer (normal serum) at 37°C for 20min, Antibody incubation with Fibronectin (1B9) Monoclonal Antibody at 1:200 overnight at 4°C, followed by a conjugated secondary and DAB staining.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Paraformaldehyde-fixed, paraffin embedded rat kidney, Antigen retrieval by boiling in sodium citrate buffer (pH6) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes, Blocking buffer (normal serum) at 37°C for 20min, Antibody incubation with Fibronectin (1B9) Monoclonal Antibody at 1:200 overnight at 4°C, followed by a conjugated secondary and DAB staining.