

## ARG65892 anti-Fibronectin antibody

Package: 50 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes Fibronectin
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Fibronectin
Antigen Species	Mouse
Immunogen	KLH-conjugated synthetic peptide around aa. 1230-1280 of Mouse Fibronectin.
Conjugation	Un-conjugated
Alternate Names	ED-B; CIG; GFND; Cold-insoluble globulin; FNZ; LETS; GFND2; Fibronectin; MSF; FINC; FN

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:500
	WB	1:100 - 1:1000
Application Note	IHC-P: Antigen Retrieval: Boil tissue section in Sodium citrate buffer (pH 6.0) for 15 min. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	Aqueous buffered solution, 0.09% Sodium azide, 50% Glycerol and 1% BSA.
Preservative	0.09% Sodium azide
Stabilizer	50% Glycerol and 1% BSA
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

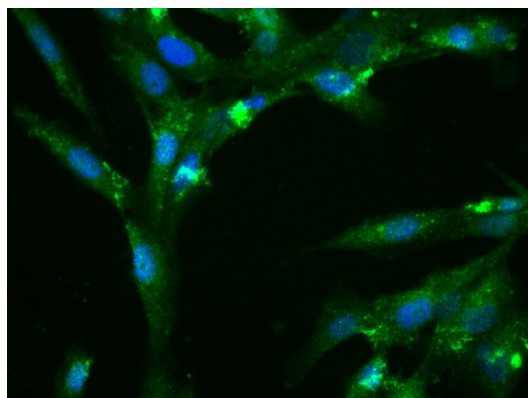
## Bioinformation

---

Database links	<a href="#">GeneID: 14268 Mouse</a> <a href="#">GeneID: 2335 Human</a> <a href="#">Swiss-port # P02751 Human</a> <a href="#">Swiss-port # P11276 Mouse</a>
Gene Symbol	Fn1
Gene Full Name	fibronectin 1
Background	<p>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. 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. However, the full-length nature of some variants has not been determined. [provided by RefSeq, Jul 2008]</p>
Function	<p>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.</p> <p>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. [UniProt]</p>
Cellular Localization	Secreted

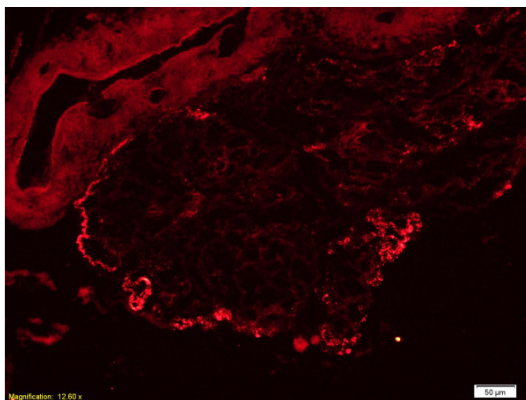
## Images

---



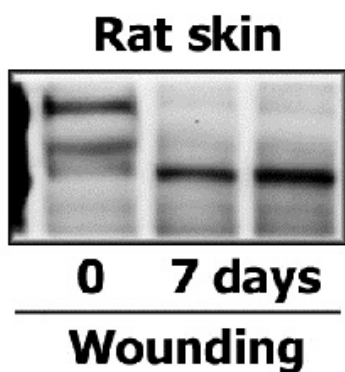
ARG65892 anti-Fibronectin antibody ICC/IF image

Immunofluorescence: U138 cells stained with ARG65892 anti-Fibronectin antibody (green) at 1:50 for 60 min at RT.



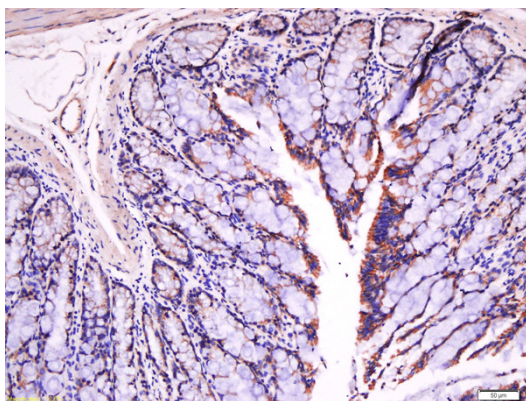
ARG65892 anti-Fibronectin antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Rat pancreas tissue stained with ARG65892 anti-Fibronectin antibody at 1:200.



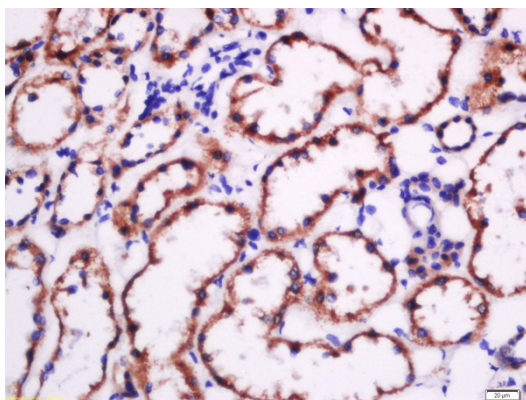
ARG65892 anti-Fibronectin antibody WB image

Western blot: Rat skin lysates stained with ARG65892 anti-Fibronectin antibody at 1:1000.



ARG65892 anti-Fibronectin antibody IHC-P image

Immunohistochemistry: Paraformaldehyde-fixed, paraffin-embedded Rat intestine tissue; Antigen Retrieval: Boil tissue section in Sodium citrate buffer (pH 6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Primary ab: ARG65892 anti-Fibronectin antibody at 1:500 overnight at 4°C.



ARG65892 anti-Fibronectin antibody IHC-P image

Immunohistochemistry: Paraformaldehyde-fixed, paraffin-embedded Human kidney tissue; Antigen Retrieval: Boil tissue section in Sodium citrate buffer (pH 6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Primary ab: ARG65892 anti-Fibronectin antibody at 1:500 overnight at 4°C.