10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Fibronectin Monoclonal Antibody(M9)

Catalog # AP63376

Specification

Fibronectin Monoclonal Antibody(M9) - Product Information

Application	**WB**
Primary Accession	P02751
Reactivity	**Human, Mouse, Rat**
Host	**Mouse**
Clonality	**Monoclonal**

Fibronectin Monoclonal Antibody(M9) - Additional Information

Gene ID 2335

Other Names
FN1; FN; Fibronectin; FN; Cold-insoluble globulin; CIG

Dilution
WB~~WB: 1:1000-2000 IF 1:200 IHC 1:50-300

Format
PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50% Glycerol.

Storage Conditions
-20℃

Fibronectin Monoclonal Antibody(M9) - Protein Information

Name FN1 (HGNC:3778)

Synonyms FN

Function
Fibronectins bind cell surfaces and various compounds including collagen, fibrin, heparin, DNA, and actin (PubMed:3024962, PubMed:3593230, PubMed:3900070, PubMed:7989369). Fibronectins are involved in cell adhesion, cell motility, opsonization, wound healing, and maintenance of cell shape (PubMed:3024962, PubMed:3593230, PubMed:3900070, PubMed:7989369). Involved in osteoblast compaction through the fibronectin fibrillogenesis cell-mediated matrix assembly process, essential for osteoblast mineralization (By similarity). Participates in the regulation of type I collagen deposition by osteoblasts (By similarity). Acts as a ligand for the LILRB4 receptor,

inhibiting FCGR1A/CD64-mediated monocyte activation (PubMed:34089617).

Cellular Location
Secreted, extracellular space, extracellular matrix. Secreted {ECO:0000250|UniProtKB:P11276}

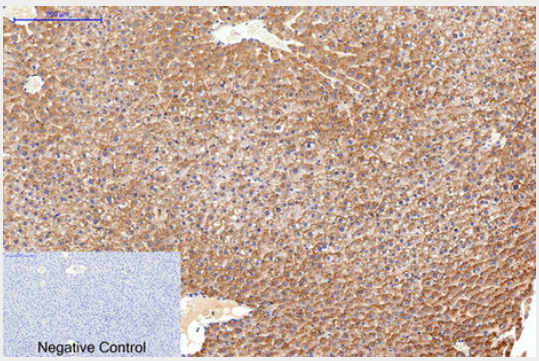
Tissue Location
Expressed in the inner limiting membrane and around blood vessels in the retina (at protein level) (PubMed:29777959) Plasma FN (soluble dimeric form) is secreted by hepatocytes. Cellular FN (dimeric or cross-linked multimeric forms), made by fibroblasts, epithelial and other cell types, is deposited as fibrils in the extracellular matrix. Ugl-Y1, Ugl-Y2 and Ugl-Y3 are found in urine (PubMed:17614963).

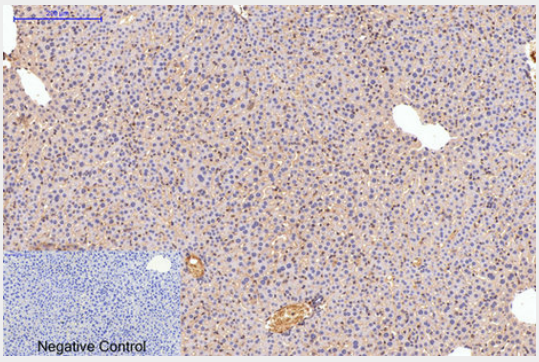
Fibronectin Monoclonal Antibody(M9) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Fibronectin Monoclonal Antibody(M9) - Images





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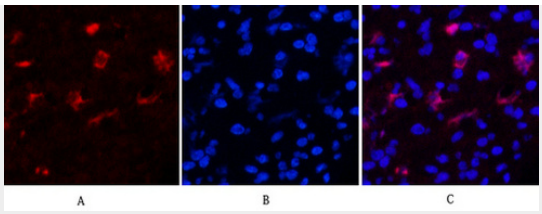

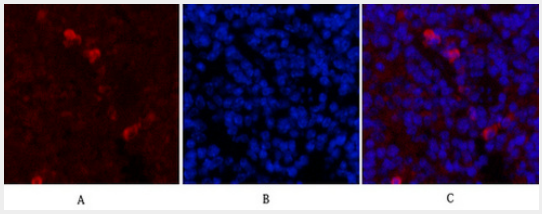

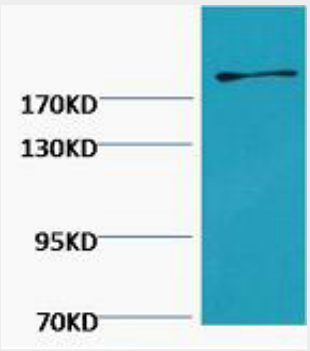

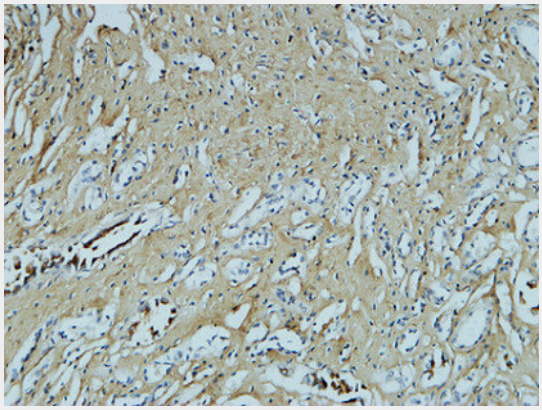

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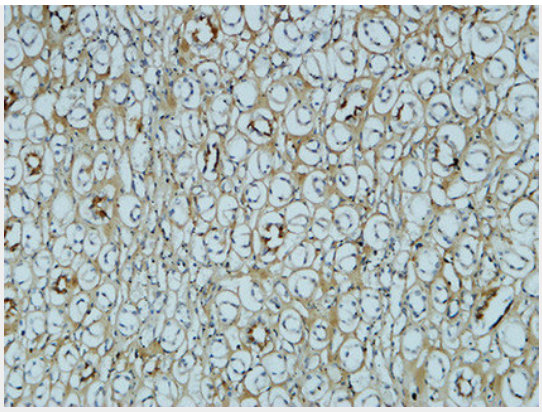

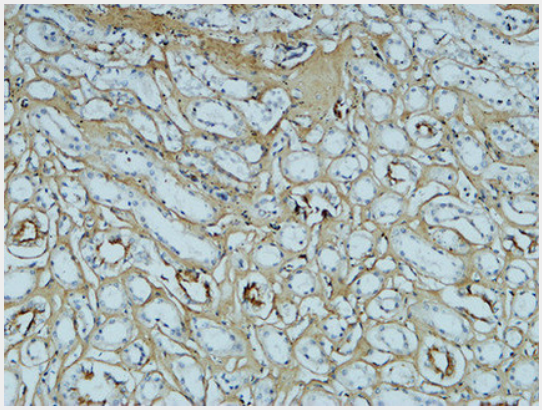

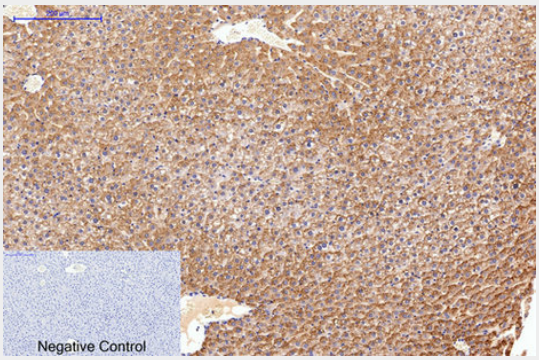

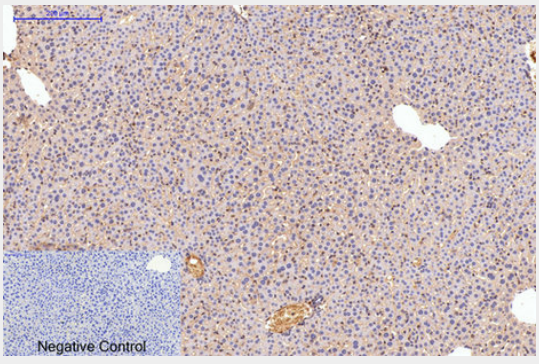

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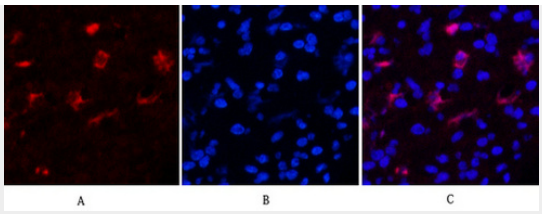

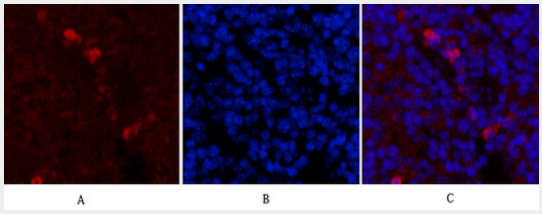

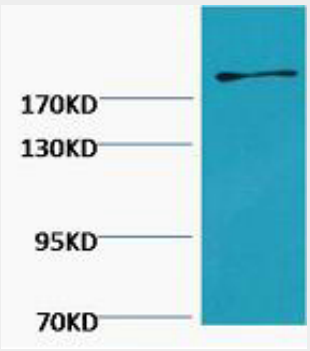

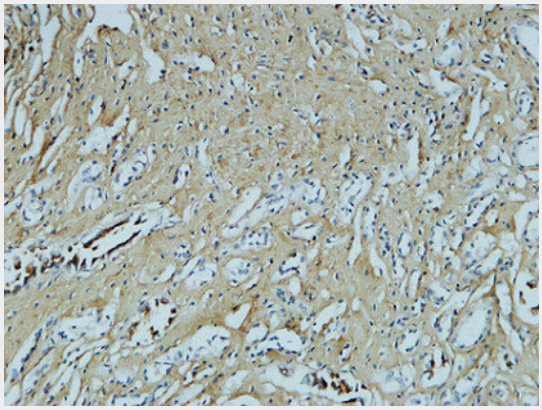

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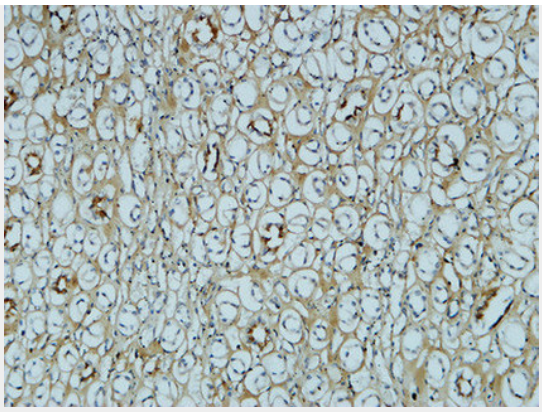

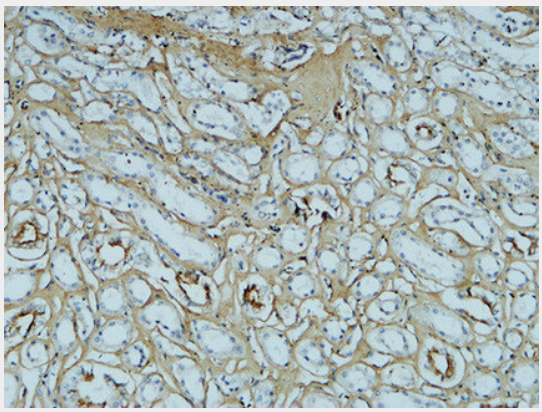

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