

# Fibronectin Rabbit mAb

Catalog # AP77320

## Product Information

---

<b>Application</b>	WB, IHC-P, IF, ICC
<b>Primary Accession</b>	<a href="#">P02751</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Immunogen</b>	A synthesized peptide derived from human Fibronectin
<b>Purification</b>	Affinity Chromatography
<b>Calculated MW</b>	272320

## Additional Information

---

<b>Gene ID</b>	2335
<b>Other Names</b>	FN1
<b>Dilution</b>	WB~~1/500-1/1000 IHC-P~~N/A IF~~1:50~200 ICC~~N/A
<b>Format</b>	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

---

<b>Name</b>	FN1 ( <a href="#">HGNC:3778</a> )
<b>Synonyms</b>	FN
<b>Function</b>	<p>Fibronectins bind cell surfaces and various compounds including collagen, fibrin, heparin, DNA, and actin (PubMed:<a href="#">3024962</a>, PubMed:<a href="#">3593230</a>, PubMed:<a href="#">3900070</a>, PubMed:<a href="#">7989369</a>). Fibronectins are involved in cell adhesion, cell motility, opsonization, wound healing, and maintenance of cell shape (PubMed:<a href="#">3024962</a>, PubMed:<a href="#">3593230</a>, PubMed:<a href="#">3900070</a>, PubMed:<a href="#">7989369</a>). 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:<a href="#">34089617</a>).</p>

**Cellular Location**

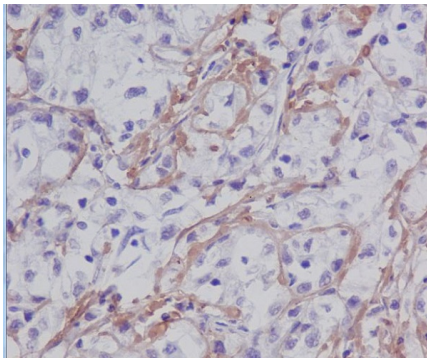
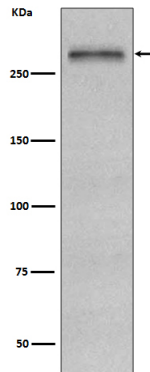
Secreted, extracellular space, extracellular matrix. Secreted  
{ECO:0000250|UniProtKB:P11276}

**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).

**Images**

---



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.