

## Anti-Fibronectin Antibody

### Product Details

<b>Available Variants</b>	100 uL (SKU:CSI 005-32-010) 400 uL (SKU:CSI 005-32-04) 1000 uL (SKU:CSI 005-32-1)
<b>Conjugate</b>	Unconjugated
<b>Isotype</b>	IgG1/k
<b>Clone</b>	A32
<b>Gene Name</b>	FN1
<b>Host Species</b>	Mouse
<b>Concentration</b>	1 mg/mL $\pm$ 15%
<b>Format</b>	Protein A or Protein G purified
<b>Physical State</b>	Liquid
<b>Buffer</b>	0.01 M phosphate buffer, pH 7.4, with 0.5 M NaCl and 15 mM sodium azide
<b>Production Notes</b>	BSA free
<b>Applications</b>	ELISA, IHC, WB
<b>Dilution Ranges</b>	WB: 1:100
<b>Species Reactivity</b>	Bovine, Human
<b>Immunogen</b>	Bovine corneal endothelial cells
<b>Specificity</b>	CSI 005-32 is highly specific for fibronectin. There is no evidence for cross-reactivity with other connective tissue proteins (vitronectin, elastin, collagen, laminin). The antibody inhibits cell adhesion to fibronectin mediated by the heparin-binding domain. Epitope is located in the 40kD Hep II heparin-binding domain.
<b>Molecular Weight</b>	440 kDa glycoprotein dimer, with monomers running at 260 on SDS-PAGE
<b>Storage</b>	2-8°C without exposure to light

<b>UniProt ID</b>	<u>P07589</u>
<b>Country of Origin</b>	United States
<b>Shipping</b>	Shipped on ice packs
<b>Expiration</b>	24 months from date of receipt
<b>Usage Statement</b>	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.
<b>Application Details</b>	CSI 005-32 can be used in ELISA. It can be used to probe fibronectin conformation and to quantitate plasma fibronectin in a sandwich ELISA with antibody CSI 005-35. (1, 2, 3, 4) In Western blotting dilution guideline of 1/100 has proved successful. (1) CSI 005-32 can be used in immunostaining of frozen PLP-fixed sections of bovine and human tissues.
<b>NCBI Gene ID</b>	280794

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Product Page URL: [www.antibodiesinc.com/products/anti-fibronectin-antibody-a32-csi-005-32](http://www.antibodiesinc.com/products/anti-fibronectin-antibody-a32-csi-005-32)



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