antibodies

## Datasheet for ABIN671653 anti-Fibronectin antibody (AA 1201-1300) (FITC)

Publication



Overview

Quantity:	100 µL
Target:	Fibronectin
Binding Specificity:	AA 1201-1300
Reactivity:	Human, Mouse, Rat, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Fibronectin antibody is conjugated to FITC
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mouse Fibronectin
Isotype:	lgG
Cross-Reactivity:	Cow, Human, Mouse, Rat
Predicted Reactivity:	Dog
Purification:	Purified by Protein A.
Target Details	

Target:	Fibronectin
Abstract:	Fibronectin Products

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Target Details	
Background: Synonyms: Fn, Fn-1, E332719, Fibronectin, Fn1	
Background: Fibronectins bind cell surfaces and various compounds in	ncluding collagen, fibrin,
heparin, DNA, and actin. Fibronectins are involved in cell adhesion, cell	motility, opsonization,
wound healing, and maintenance of cell shape healing, and maintenan	ce of cell shape. Involved
in osteoblast compaction through the fibronectin fibrillogenesis cell-m	ediated matrix assembly
process, essential for osteoblast mineralization. Participates in the reg	ulation of type I collagen
deposition by osteoblasts. Anastellin binds fibronectin and induces fib	ril formation. This
fibronectin polymer, named superfibronectin, exhibits enhanced adhes	ive properties. Both
anastellin and superfibronectin inhibit tumor growth, angiogenesis and	l metastasis. Anastellin
activates p38 MAPK and inhibits lysophospholipid signaling (By simila	rity).
Gene ID: 14268	
UniProt: P11276	
Application Details	
Application Notes: IF(IHC-P) 1:50-200	
IF(IHC-F) 1:50-200	
IF(ICC) 1:50-200	
Restrictions: For Research Use only	
Handling	
Format: Liquid	
Concentration: 1 µg/µL	

Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

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Publications	
Product cited in:	Kang, Baik, Yoo, Kim, Cheong, Park, Kang, Ha: "Aliskiren Regulates Neonatal Fc Receptor and
	IgG Metabolism with Attenuation of Anti-GBM Glomerulonephritis in Mice." in: Nephron, Vol.
	134, Issue 4, pp. 272-282, (2016) (PubMed).

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