

Datasheet for ABIN6261746

**anti-Fibronectin 1 antibody (C-Term)****3** Images**2** Publications[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	Fibronectin 1 (FN1)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Fibronectin 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

## Product Details

Immunogen:	A synthesized peptide derived from human Fibronectin, corresponding to a region within C-terminal amino acids.
Isotype:	IgG
Specificity:	Fibronectin Antibody detects endogenous levels of total Fibronectin.
Predicted Reactivity:	Pig,Bovine,Sheep,Rabbit
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

## Target Details

Target:	Fibronectin 1 (FN1)
---------	---------------------

## Target Details

Alternative Name:	FN1 ( <a href="#">FN1 Products</a> )
Background:	<p>Description: 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>Gene: FN1</p>
Molecular Weight:	263 kDa
Gene ID:	2335
UniProt:	<a href="#">P02751</a>
Pathways:	<a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Autophagy</a>

## Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

## Handling

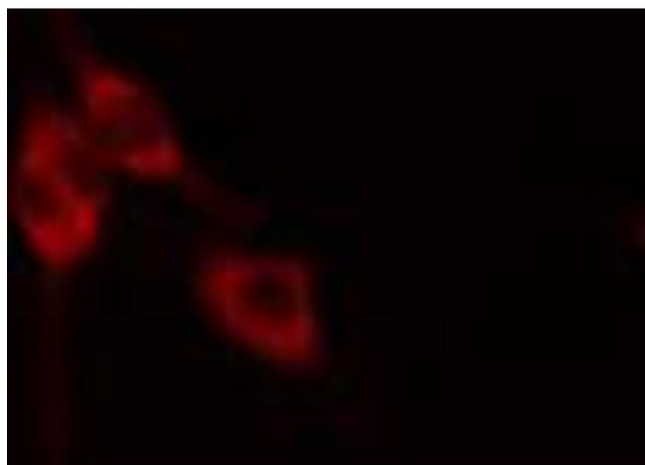
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months

## Publications

Product cited in:	Yan, Yang, Han, Feng: "Tanshinone IIA attenuates experimental autoimmune encephalomyelitis
-------------------	--

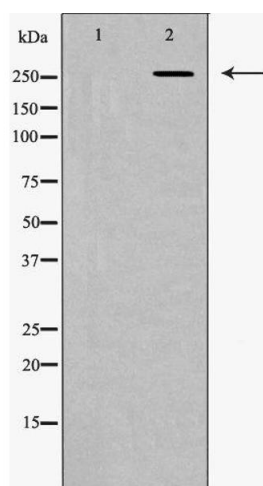
in rats." in: **Molecular medicine reports**, Vol. 14, Issue 2, pp. 1601-9, (2016) ([PubMed](#)).

## Images



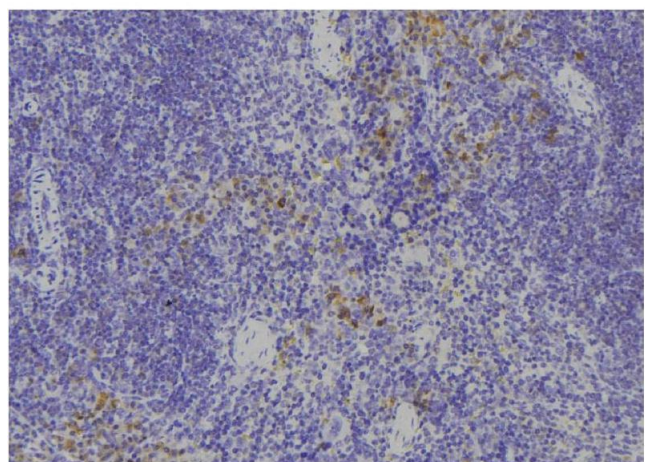
### Immunofluorescence (fixed cells)

**Image 1.** ABIN6268882 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody (Cat.# S0006), diluted at 1/600, was used as secondary antibody.



### Western Blotting

**Image 2.** Western blot analysis of Fibronectin 1 expression in HeLa cells. The lane on the left is treated with the antigen-specific peptide.



### Immunohistochemistry

**Image 3.** ABIN6268882 at 1/100 staining Human spleen tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.