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Datasheet for ABIN7127492

## Recombinant anti-Fibronectin 1 antibody

### 1 Image

#### Overview

|                |  |
|----------------|--|
| Quantity:      | 100 µL                                       |
| Target:        | Fibronectin 1 (FN1)                          |
| Reactivity:    | Human  |
| Host:          | Rabbit                                       |
| Antibody Type: | Recombinant Antibody                         |
| Clonality:     | Monoclonal                                   |
| Conjugate:     | This Fibronectin 1 antibody is un-conjugated |
| Application:   | ELISA, Immunohistochemistry (IHC)            |

#### Product Details

|                   |  |
|-------------------|--|
| Immunogen:        | A synthesized peptide derived from human Fibronectin |
| Clone:            | 1E1  |
| Isotype:          | IgG  |
| Cross-Reactivity: | Human  |
| Purification:     | Affinity-chromatography                              |

#### Target Details

|                   |   |
|-------------------|---|
| Target:           | Fibronectin 1 (FN1)   |
| Alternative Name: | FN1 ( <a href="#">FN1 Products</a> )  |
| Background:       | Background: Fibronectins bind cell surfaces and various compounds including collagen, fibrin, |

## Target Details

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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.

Aliases: Fibronectin (FN) (Cold-insoluble globulin) (CIG) [Cleaved into: Anastellin, Ugl-Y1, Ugl-Y2, Ugl-Y3], FN1, FN

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UniProt: [P02751](#)

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Pathways: [Cellular Response to Molecule of Bacterial Origin](#), [Carbohydrate Homeostasis](#), [Autophagy](#)

## Application Details

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Application Notes: Recommended dilution: IHC:1:50-1:200,

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

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Preservative: Sodium azide

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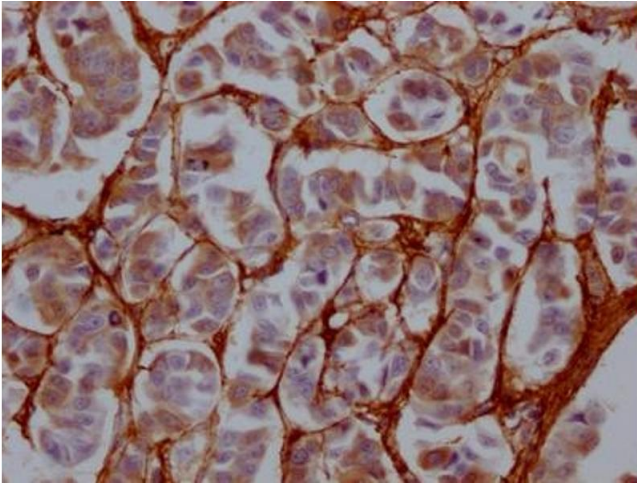
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C,-80 °C

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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



### Immunohistochemistry

**Image 1.** IHC image of ABIN7127492 diluted at 1:100 and staining in paraffin-embedded human breast cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05 % DAB.