Product datasheet

# Anti-Fibronectin/FN1 Antibody

**Catalog Number: *BA1772***

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## Basic Information

| | |
|---|---|
| **Product Name** | Anti-Fibronectin/FN1 Antibody |
| **Gene Name** | FN1 |
| **Source** | Rabbit |
| **Isotype** | IgG |
| **Species Reactivity** | human,mouse,rat,monkey |
| **Tested Application** | WB, IHC |
| **Contents** | 500 ug/ml antibody with PBS， 0.02% NaN3 , 1 mg BSA and 50% glycerol. |
| **Immunogen** | A synthetic peptide |
| **concentration** | 500 ug/ml |
| **Purification** | Immunogen affinity purified. |
| **Observed MW** | 272KD |
| **Dilution Ratios** | Western blot (WB): 1:500-2000<br>Immunohistochemistry in paraffin section (IHC): 1:50-400<br>Immunofluorescence (IF): 1:50-400<br>(Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user. |

## Storage

12 months from date of receipt，-20℃ as supplied. 6 months 2 to 8℃ after reconstitution. Avoid repeated freezing and thawing.

## Background Information

This gene encodes fibronectin, a glycoprotein present in a soluble dimeric form in plasma, and in a dimeric or multimeric form at the cell surface and in extracellular matrix. Fibronectin is involved in cell adhesion and migration processes including embryogenesis, wound healing, blood coagulation, host defense, and metastasis. The gene has three regions subject to alternative splicing, with the potential to produce 20 different transcript variants. However, the full-length nature of some variants has not been determined.

## Reference

Anti-Fibronectin/FN1 Antibody被引用在16文献中。

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# Selected Validation Data

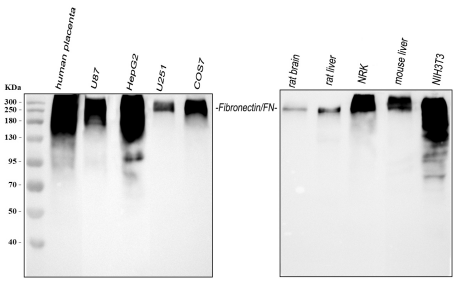


Figure 1. Western blot analysis of anti-Fibronectin(FN1) antibody (BA1772). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.
Lane 1: human placenta tissue lysates,
Lane 2: human U87 whole cell lysates,
Lane 3: human HepG2 whole cell lysates,
Lane 4: human U251 whole cell lysates,
Lane 5: monkey COS-7 whole cell lysates,
Lane 6: rat brain tissue lysates,
Lane 7: rat liver tissue lysates,
Lane 8: rat NRK whole cell lysates,
Lane 9: mouse brain tissue lysates,
Lane 10: mouse NIH/3T3 whole cell lysates.
After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-Fibronectin(FN1) antigen affinity purified polyclonal antibody (BA1772) and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for Fibronectin(FN1) at approximately 272 kDa. The expected band size for Fibronectin(FN1) is at 273 kDa.

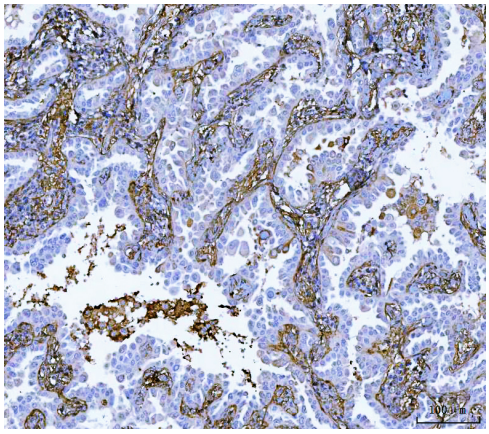

Figure 2. IHC analysis of Fibronectin(FN1) using anti-Fibronectin(FN1) antibody (BA1772). Fibronectin(FN1) was detected in a paraffin-embedded section of human lung cancer tissue. Biotinylated goat anti-rabbit IgG was used as secondary antibody. The tissue section was developed using Strepavidin-Biotin-Complex (SABC) (Catalog # SA1022) with DAB (Catalog # AR1022) as the chromogen.

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