Product datasheet

Anti-Fibronectin/FN1 Antibody

Catalog Number: *BA1772*

BOSTER
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator,
East Lake High-Tech Development Zone, Wuhan.
Web: www.boster.com ***Phone:*** 027-67845390/1/2 ***Email:*** boster@boster.com

Basic Information

Product Name	Anti-Fibronectin/FN1 Antibody
Gene Name	FN1
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	human, mouse, rat, monkey
Tested Application	WB, IHC, IF
Contents	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol.
Immunogen	Polypeptide
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	273 kDa
Dilution Ratios	Western blot (WB): 1:1000-10000 Immunohistochemistry (IHC): 1:100-500 Immunofluorescence (IF): 1:50-400 (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

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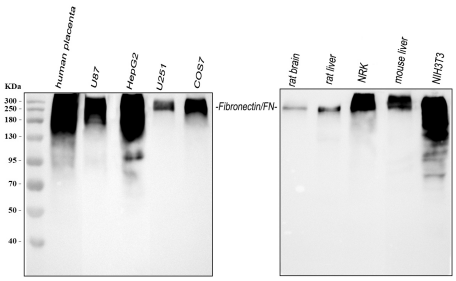
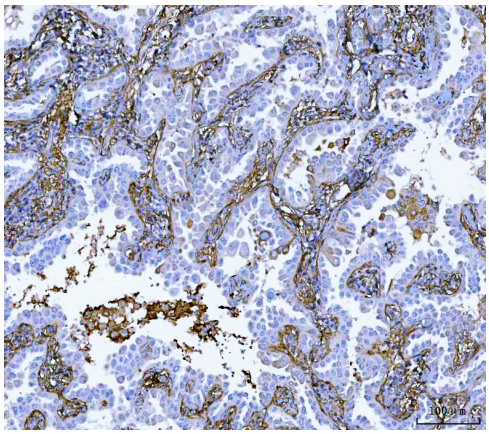
Anti-Fibronectin/FN1 Antibody被引用在70文献中。

Selected Validation Data



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 273 kDa. The expected band size for Fibronectin(FN1) is at 273 kDa.



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 # AR1027) as the chromogen.

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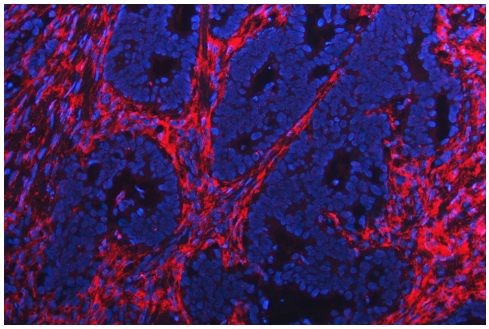

IF analysis of Fibronectin(FN1) using anti-Fibronectin(FN1) antibody (BA1772). Fibronectin(FN1) was detected in a paraffin-embedded section of human intestinal cancer tissue. Dylight550-conjugated Anti-rabbit IgG Secondary Antibody (red)(Catalog#BA1135) was used as secondary antibody. The section was counterstained with DAPI (Catalog # AR1176) (Blue).

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