Product datasheet

Anti-Fibronectin/FN1 Antibody

Catalog Number: *BA1771*

BOSTER
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator,
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Basic Information

Product Name	Anti-Fibronectin/FN1 Antibody
Gene Name	FN1
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	human
Tested Application	WB, IHC, FCM, ELISA
Contents	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol.
Immunogen	Purified human Fibronectin derived.
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	273 kDa
Dilution Ratios	Western blot (WB): 1:500-2000 Immunohistochemistry (IHC): 1:50-400 Flow Cytometry (Fixed): 1:50-200 Enzyme linked immunosorbent assay (ELISA): 1:100-1000 (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.

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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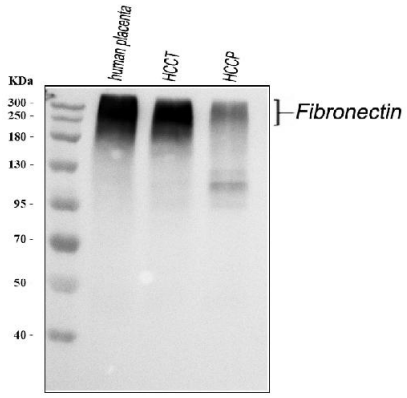
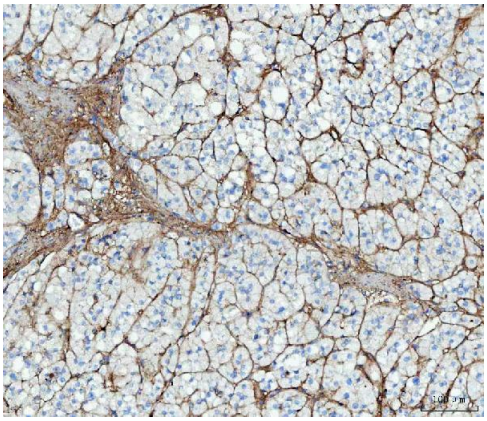
Anti-Fibronectin/FN1 Antibody被引用在14文献中。

Selected Validation Data



Western blot analysis of anti-Fibronectin(FN1) antibody (BA1771). 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 hepatocellular carcinoma tumor tissue (HCCT) lysates,
Lane 3: human hepatocellular carcinoma paracancerous tissue (HCCP) lysates.
After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-Fibronectin(FN1) antigen affinity purified polyclonal antibody (BA1771) 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 220-400 kDa. The expected band size for Fibronectin(FN1) is at 272 kDa.



IHC analysis of Fibronectin(FN1) using anti-Fibronectin(FN1) antibody (BA1771).
Fibronectin(FN1) was detected in a paraffin-embedded section of human adrenocortical adenoma tissue. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB (Catalog # AR1027) as the chromogen.

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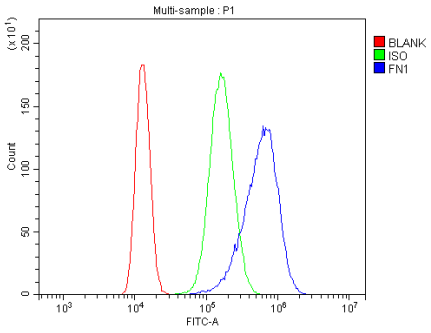

Flow Cytometry analysis of CACO-2 cells using anti-Fibronectin(FN1) antibody (BA1771).
Overlay histogram showing CACO-2 cells stained with BA1771 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-Fibronectin(FN1) Antibody (BA1771, 1:100). DyLight®488 conjugated goat anti-rabbit IgG (BA1127, 1:100) was used as secondary antibody. Isotype control antibody (Green line) was rabbit IgG (Catalog # BA1045) (1:100) used under the same conditions. Unlabelled sample (Red line) was also used as a control.