

# Product Datasheet

## Fibronectin Antibody

### NBP1-31369

Unit Size: 100 ul

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**NBP1-31369**

Fibronectin Antibody

**Product Information**

|                                |  |
|--------------------------------|--|
| <b>Unit Size</b>               | 100 ul   |
| <b>Concentration</b>           | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>                 | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.   |
| <b>Clonality</b>               | Polyclonal   |
| <b>Preservative</b>            | 0.025% Proclin 300   |
| <b>Isotype</b>                 | IgG  |
| <b>Purity</b>                  | Antigen Affinity-purified  |
| <b>Buffer</b>                  | PBS, 1% BSA, 20% Glycerol  |
| <b>Target Molecular Weight</b> | 263 kDa  |

**Product Description**

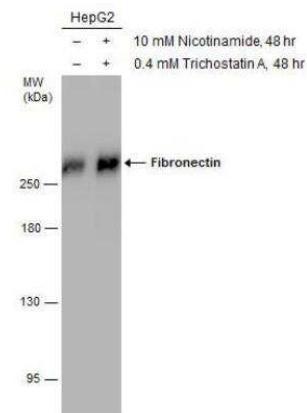
|                         |   |
|-------------------------|---|
| <b>Description</b>      | Novus Biologicals Rabbit Fibronectin Antibody (NBP1-31369) is a polyclonal antibody validated for use in IHC, WB, ELISA, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>             | Rabbit  |
| <b>Gene ID</b>          | 2335  |
| <b>Gene Symbol</b>      | FN1   |
| <b>Species</b>          | Human, Mouse, Rat   |
| <b>Reactivity Notes</b> | Immunogen displays the following percentage of sequence identity for non-tested species: Chicken 88%.   |
| <b>Marker</b>           | Mesenchymal Cells Marker  |
| <b>Immunogen</b>        | Recombinant protein encompassing a sequence within the N-terminus region of human Fibronectin. The exact sequence is proprietary.   |

**Product Application Details**

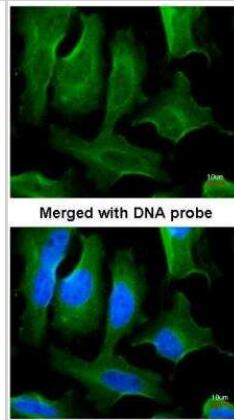
|                              |  |
|------------------------------|--|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation  |
| <b>Recommended Dilutions</b> | Western Blot 1:500-1:3000, ELISA 1:1000-1:10000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000, Immunohistochemistry-Frozen Assay dependent |

## Images

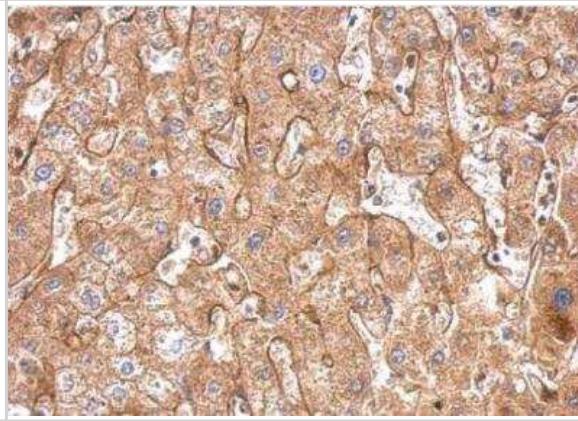
Western Blot: Fibronectin Antibody [NBP1-31369] - Untreated (-) and treated (+) HepG2 whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with Fibronectin antibody [N1N2], N-term.



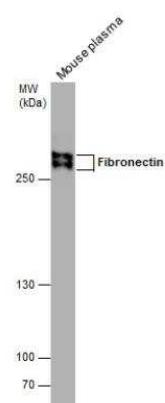
Immunocytochemistry/Immunofluorescence: Fibronectin/Anastellin Antibody [NBP1-31369] - Analysis of HeLa, using NBP1-31369 at 1:200 dilution.



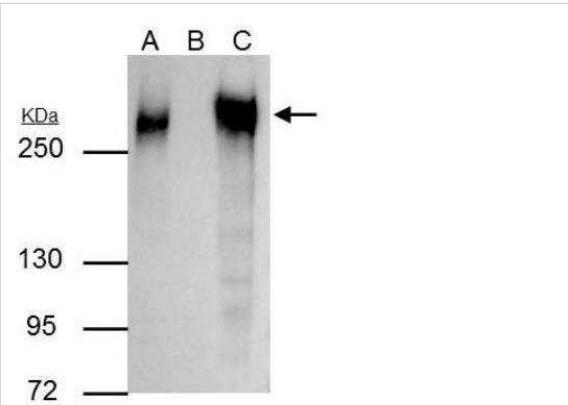
Immunohistochemistry-Paraffin: Fibronectin/Anastellin Antibody [NBP1-31369] - Paraffin-embedded hepatoma. Fibronectin antibody [N1N2], N-term dilution: 1:500.



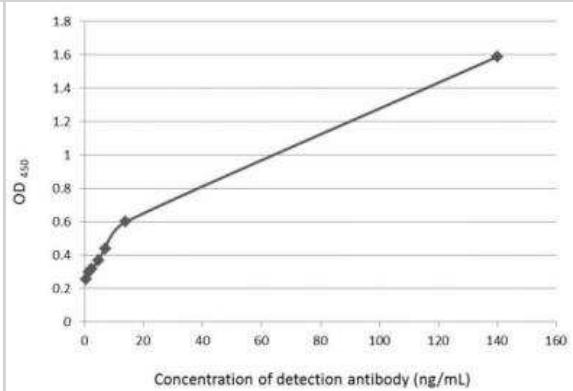
Western Blot: Fibronectin/Anastellin Antibody [NBP1-31369] - Mouse tissue extracts (50 ug) was separated by 5% SDS-PAGE, and the membrane was blotted with Fibronectin antibody [N1N2] diluted at 1:1000.



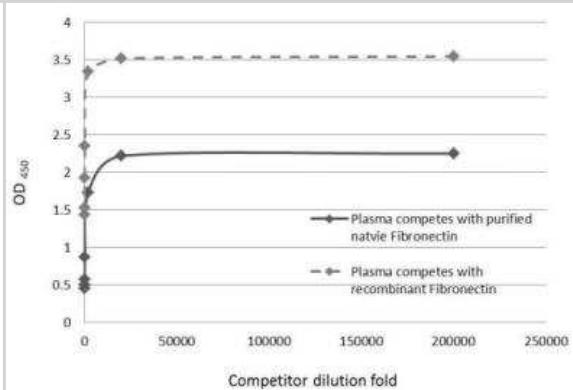
Immunoprecipitation: Fibronectin/Anastellin Antibody [NBP1-31369] - N-term immunoprecipitates Fibronectin protein in IP experiments. IP Sample: HeLa whole cell lysate/extract A : 30 ug whole cell lysate/extract of Fibronectin protein expressing HeLa cells B : Control with 3 ug of pre-immune rabbit IgG C : Immunoprecipitation of Fibronectin by 3 ug of Fibronectin antibody [N1N2].



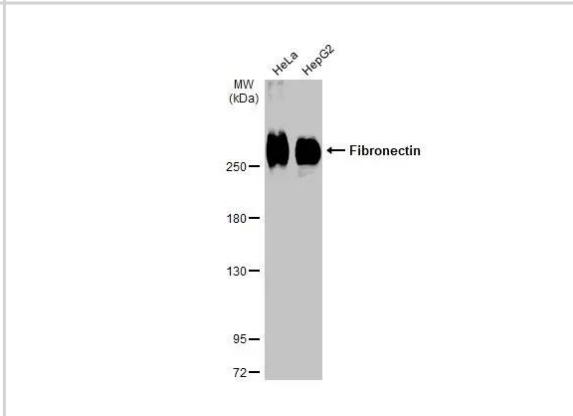
ELISA: Fibronectin Antibody [NBP1-31369] - Indirect ELISA analysis was performed by coating plate with 100 uL of recombinant Fibronectin protein at concentration of 10 ug/mL. The coated protein is detected with Fibronectin antibody [N1N2], N-term at rangeing from 0.5 to 140 ng/mL.



ELISA: Fibronectin Antibody [NBP1-31369] - Competitive ELISA detection of human fibronectin in plasma. Recombinant or purified native Fibronectin protein was coated to an ELISA plate at concentration of 10 ug/ml. Human plasma was applied as the competitors and was serially diluted at 1, 20, 200, 2000, 20000, 200000X dilutions. The primary antibody concentration was diluted to 14 ng/mL. Rabbit IgG antibody (HRP) was diluted at 1:2,000 and used to detect the primary antibody



Western Blot: Fibronectin Antibody [NBP1-31369] - Various whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with Fibronectin antibody [N1N2], N-term (NBP1-31369) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.

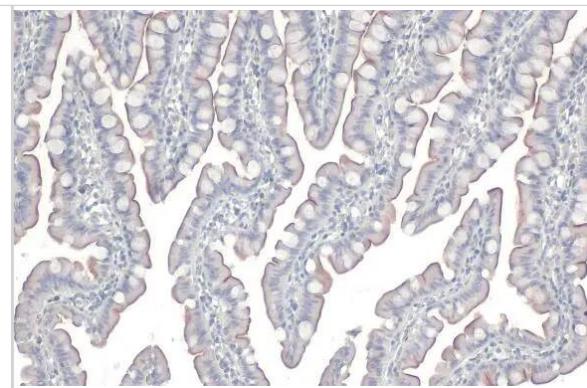


Immunohistochemistry-Paraffin: Fibronectin Antibody [NBP1-31369] - Fibronectin antibody [N1N2], N-term detects Fibronectin protein at cell membrane by immunohistochemical analysis.

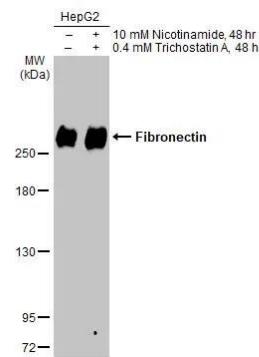
Sample: Paraffin-embedded rat colon.

Fibronectin stained by Fibronectin antibody [N1N2], N-term (NBP1-31369) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Western Blot: Fibronectin Antibody [NBP1-31369] - Untreated (-) and treated (+) HepG2 whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with Fibronectin antibody [N1N2], N-term (NBP1-31369) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.

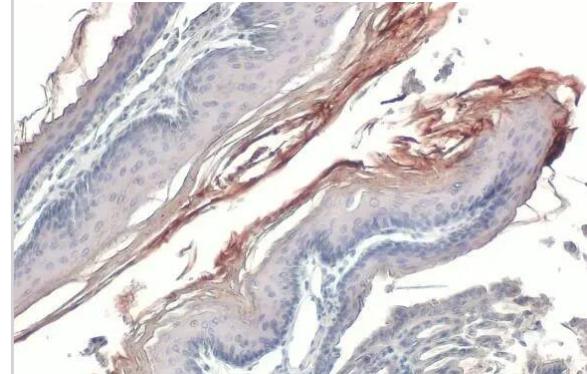


Immunohistochemistry-Paraffin: Fibronectin Antibody [NBP1-31369] - Fibronectin antibody [N1N2], N-term detects Fibronectin protein at cell membrane by immunohistochemical analysis.

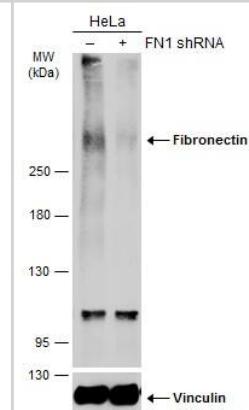
Sample: Paraffin-embedded mouse esophagus.

Fibronectin stained by Fibronectin antibody [N1N2], N-term (NBP1-31369) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Western Blot: Fibronectin Antibody [NBP1-31369] - Non-transfected (-) and transfected (+) HeLa whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with Fibronectin antibody [N1N2], N-term diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.





## Novus Biologicals USA

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

## Bio-Techne Canada

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

## Bio-Techne Ltd

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

## General Contact Information

[www.novusbio.com](http://www.novusbio.com)  
Technical Support: [nb-technical@bio-techne.com](mailto:nb-technical@bio-techne.com)  
Orders: [nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)  
General: [novus@novusbio.com](mailto:novus@novusbio.com)

## Products Related to NBP1-31369

|               |   |
|---------------|---|
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit IgG Isotype Control                          |
| NBP1-91258PEP | Fibronectin Antibody Blocking Peptide               |

## Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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