

# Product Datasheet

## Vitronectin Antibody (ST49-02)

### NBP2-67511

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-67511**

Vitronectin Antibody (ST49-02)

**Product Information**

|                      |  |
|----------------------|--|
| <b>Unit Size</b>     | 100 ul   |
| <b>Concentration</b> | 1 mg/ml  |
| <b>Storage</b>       | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| <b>Clonality</b>     | Monoclonal   |
| <b>Clone</b>         | ST49-02  |
| <b>Preservative</b>  | 0.05% Sodium Azide   |
| <b>Isotype</b>       | IgG  |
| <b>Purity</b>        | Protein A purified   |
| <b>Buffer</b>        | TBS (pH7.4), 0.05% BSA, 40% Glycerol   |

**Product Description**

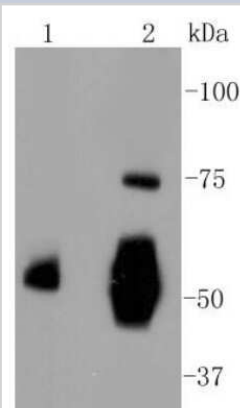
|                    |  |
|--------------------|--|
| <b>Host</b>        | Rabbit   |
| <b>Gene ID</b>     | 7448   |
| <b>Gene Symbol</b> | VTN  |
| <b>Species</b>     | Human, Mouse, Rat  |
| <b>Immunogen</b>   | Synthetic peptide within Human Vitronectin aa 429-478 / 478. (SwissProt: P04004 Human; SwissProt: P29788 Mouse; SwissProt: Q3KR94 Rat) |

**Product Application Details**

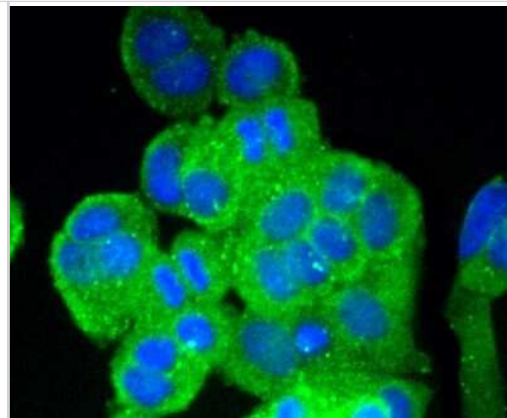
|                              |   |
|------------------------------|---|
| <b>Applications</b>          | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin  |
| <b>Recommended Dilutions</b> | Western Blot 1:1000-1:5000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:400 |

**Images**

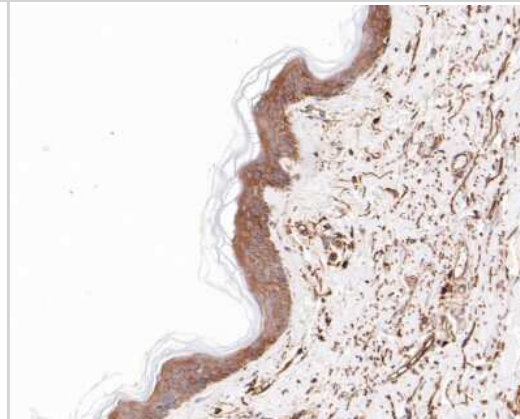
Western Blot: Vitronectin Antibody (ST49-02) [NBP2-67511] - Analysis of Vitronectin on different lysates using anti-Vitronectin antibody at 1/1,000 dilution. Positive control: Lane 1: Human liver Lane 2: Human serum



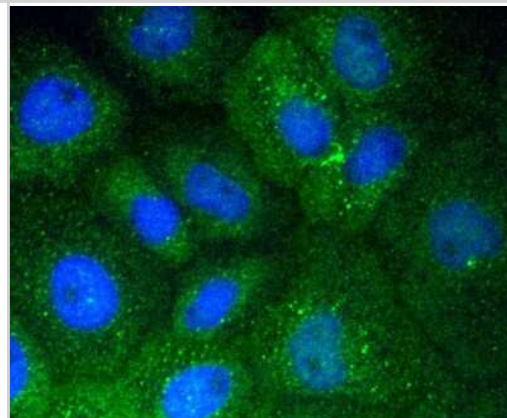
Immunocytochemistry/Immunofluorescence: Vitronectin Antibody (ST49-02) [NBP2-67511] - Staining Vitronectin in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



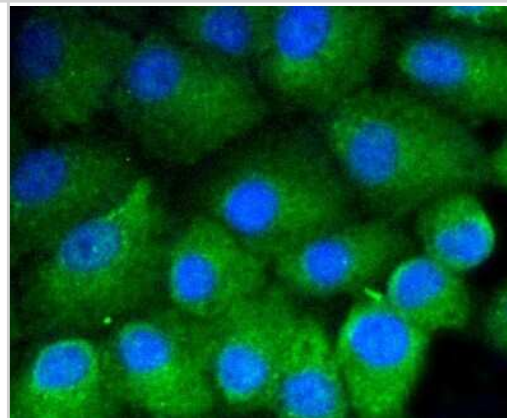
Immunohistochemistry-Paraffin: Vitronectin Antibody (ST49-02) [NBP2-67511] - Immunohistochemical analysis of paraffin-embedded human skin tissue using anti-Vitronectin antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (ET1609-39, 1/200) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



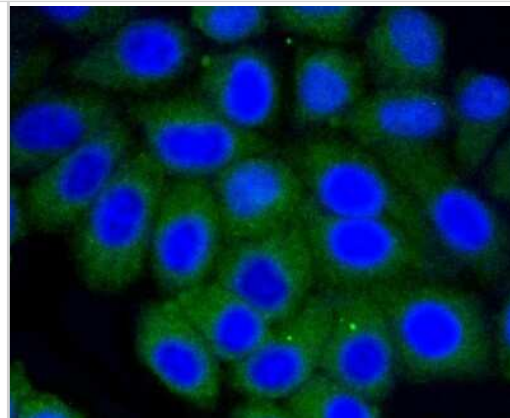
Immunocytochemistry/Immunofluorescence: Vitronectin Antibody (ST49-02) [NBP2-67511] - Staining Vitronectin in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



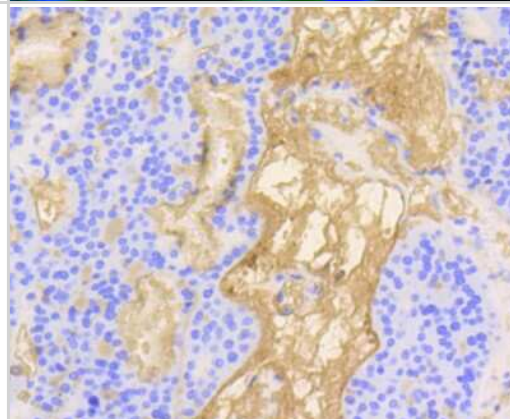
Immunocytochemistry/Immunofluorescence: Vitronectin Antibody (ST49-02) [NBP2-67511] - Staining Vitronectin in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



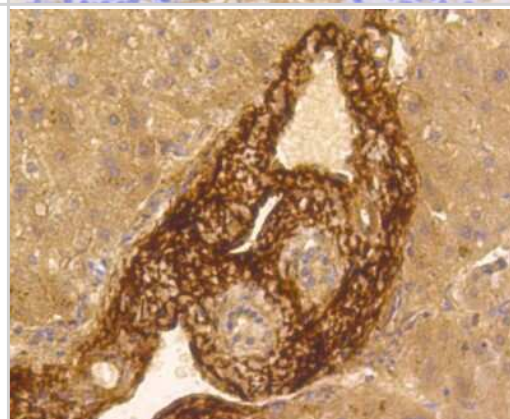
Immunocytochemistry/Immunofluorescence: Vitronectin Antibody (ST49-02) [NBP2-67511] - Staining Vitronectin in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



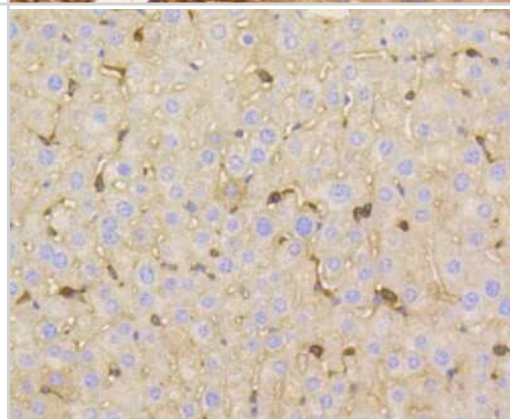
Immunohistochemistry-Paraffin: Vitronectin Antibody (ST49-02) [NBP2-67511] - Analysis of paraffin-embedded human liver cancer tissue using anti-Vitronectin antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Vitronectin Antibody (ST49-02) [NBP2-67511] - Analysis of paraffin-embedded human liver tissue using anti-Vitronectin antibody. Counter stained with hematoxylin.

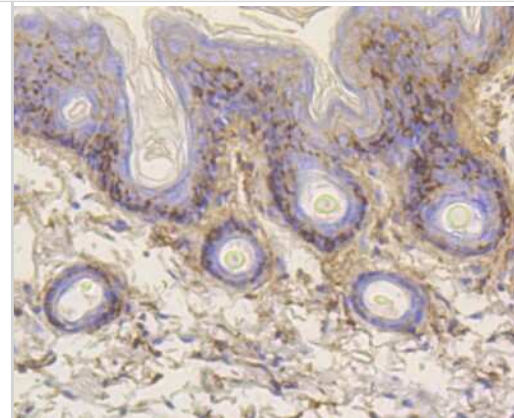


Immunohistochemistry-Paraffin: Vitronectin Antibody (ST49-02) [NBP2-67511] - Analysis of paraffin-embedded mouse liver tissue using anti-Vitronectin antibody. Counter stained with hematoxylin.

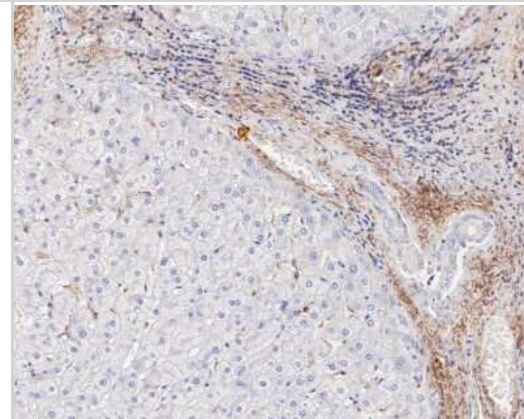




Immunohistochemistry-Paraffin: Vitronectin Antibody (ST49-02) [NBP2-67511] - Analysis of paraffin-embedded mouse skin tissue using anti-Vitronectin antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Vitronectin Antibody (ST49-02) [NBP2-67511] - Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-Vitronectin antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (ET1609-39, 1/50) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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### **Products Related to NBP2-67511**

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|               |   |
|---------------|---|
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit IgG Isotype Control                          |
| NBP3-21315PEP | Vitronectin Recombinant Protein Antigen             |

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### **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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