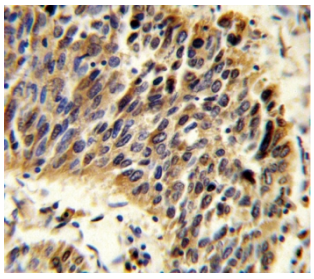
# Vitronectin Antibody / VTN (F54930)

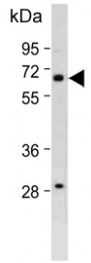
| Catalog No. | Formulation | Size |
|---|---|---|
| F54930-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F54930-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

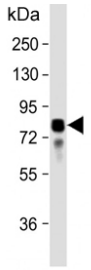
| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Antigen affinity purified |
| **UniProt** | P04004 |
| **Localization** | Cytoplasmic, membrane |
| **Applications** | Immunohistochemistry (FFPE): 1:10-1:50<br>Western blot: 1:1000-1:2000<br>Flow cytometry: 1:25 (1x10e6 cells) |
| **Limitations** | This Vitronectin antibody is available for research use only. |



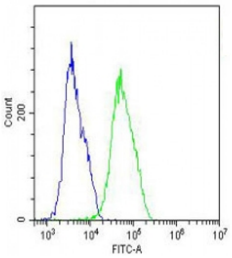
IHC testing of FFPE human lung carcinoma tissue with Vitronectin antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.




Western blot testing of human Caco-2 cell lysate with Vitronectin antibody. Expected molecular weight: 54-75 kDa depending on glycosylation level.




Western blot testing of human plasma lysate with Vitronectin antibody. Expected molecular weight: 54-75 kDa depending on glycosylation level.




Flow cytometry testing of fixed and permeabilized human MCF7 cells with Vitronectin antibody; Blue=isotype control, Green= Vitronectin antibody.

## Description

Vitronectin is a member of the pexin family. This protein is found in serum and tissues and promotes cell adhesion and spreading, inhibits the membrane-damaging effect of the terminal cytolytic complement pathway, and binds to several serpin serine protease inhibitors. The protein is a secreted protein and exists in either a single chain form or a clipped, two chain form held together by a disulfide bond.

## Application Notes

The stated application concentrations are suggested starting points. Titration of the Vitronectin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 65-93 from the human protein was used as the immunogen for the Vitronectin antibody.

## Storage

Aliquot the Vitronectin antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Copyright © NSJ Bioreagents. All rights reserved.