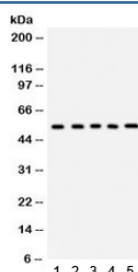


## Vitronectin Antibody / VTN (R31877)

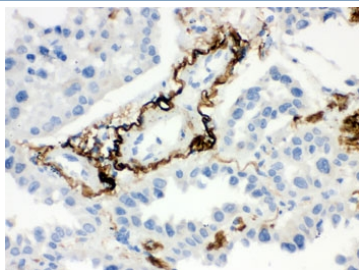
Catalog No.	Formulation	Size
R31877	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
<b>UniProt</b>	P04004
<b>Localization</b>	Cytoplasmic, membrane
<b>Applications</b>	Western Blot : 0.1-0.5ug/ml IHC (FFPE) : 0.5-1ug/ml
<b>Limitations</b>	This Vitronectin antibody is available for research use only.



Western blot testing of 1) rat liver, 2) rat lung, 3) human HepG2, 4) HeLa and 5) mouse HEPA1-6 lysate with Vitronectin antibody. Expected molecular weight: 54-75 kDa depending on glycosylation level.



IHC testing of FFPE human lung cancer tissue with Vitronectin antibody. HIER: Boil the paraffin sections in pH 6, 10mM citrate buffer for 20 minutes and allow to cool prior to staining.

## Description

Vitronectin, also known as VTN, is a protein that in humans is encoded by the VTN gene. The protein encoded by this gene is a member of the pexin family. It 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. It is a secreted protein and exists in either a single chain form or a clipped, two chain form held together by a disulfide bond. Also vitronectin serves to regulate proteolysis initiated by plasminogen activation. In addition, vitronectin is a component of platelets and is, thus, involved in hemostasis.

## Application Notes

Optimal dilution of the Vitronectin antibody should be determined by the researcher.

## Immunogen

Amino acids RVNLRTRRVDTVDPPYPRSIQYWLGC of human Vitronectin were used as the immunogen for the Vitronectin antibody.

## Storage

After reconstitution, the Vitronectin antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.