Datasheet for ABIN5535632

anti-Vitronectin antibody (N-Term)

3 Images

Go to Product page

Overview

Quantity:	400 µL
Target:	Vitronectin (VTN)
Binding Specificity:	AA 65-93, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Vitronectin antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This VTN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 65-93 amino acids from the N-terminal region of human VTN.
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Vitronectin (VTN)
Alternative Name:	VTN (VTN Products)
Background:	VTN 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

Target Details

	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.
Molecular Weight:	54 kDa
Gene ID:	7448
UniProt:	P04004
Pathways:	Autophagy, Smooth Muscle Cell Migration

Application Details

Application Notes:	For FACS starting dilution is: 1:25 For WB starting dilution is: 1:8000 For IHC-P starting dilution is: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.26 mg/mL
Buffer:	Supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

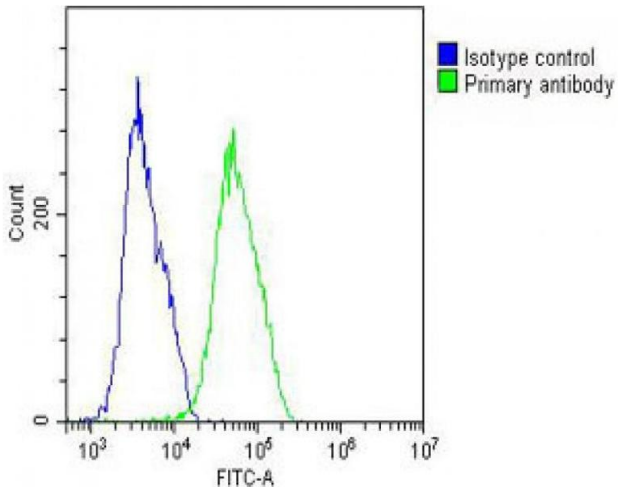

Image 1. Overlay histogram showing MCF-7 cells stained with Antibody (green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then icubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (1:25 dilution) for 60 min at 37ºC. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight 488 Conjugated Highly Cross-Adsorbed(OH191631) at 1/200 dilution for 40 min at 37ºC. Isotype control antibody (blue line) was rabbit IgG (1ug/1x10^6 cells) used under the same conditions. Acquisition of >10, 000 events was performed.

Western Blotting

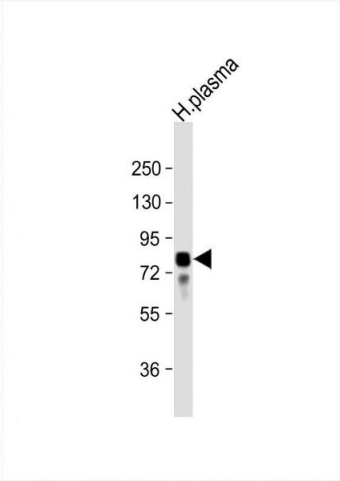

Image 2. Western Blot at 1:32000 dilution + human plasma lysate Lysates/proteins at 20 ug per lane.

Western Blotting

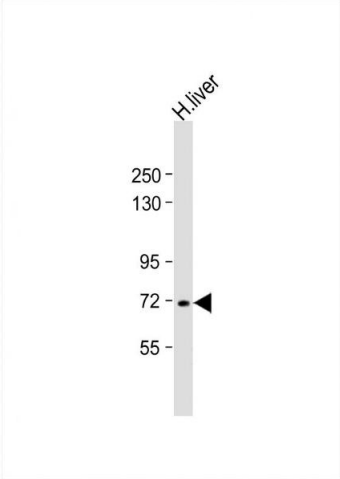

Image 3. Western Blot at 1:8000 dilution + human liver lysate Lysates/proteins at 20 ug per lane.