

39-1053: Anti-Vinculin Monoclonal Antibody (Clone: hVIN-1)

Clonality :	Monoclonal
Clone Name :	hVIN-1
Application :	WB,IHC-F
Reactivity :	Human
Gene :	Vcl
Gene ID :	305679
Uniprot ID :	P85972
Alternative Name :	Vinculin ; Metavinculin ; Vcl
Isotype :	Mouse IgG1
Immunogen Information :	Human vinculin, purified from uterus.

Description

Vinculin is a cytoskeletal protein associated with the cytoplasmic face of both cell-cell and cell-extracellular matrix adherens-type junctions, where it is thought to function as one of several interacting proteins involved in anchoring F-actin to the membrane. Both human and chicken embryo sequences of vinculin contain 1,066 amino acids and, furthermore, that the 2 proteins exhibit a high level of sequence identity(greater than 95%). Vinculin is mapped to 10q22.1-q23.

Product Info

Amount :	100 µg/vial
Purification :	Ascites
Content :	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN ₃ as preservative. Reconstitute : Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
Storage condition :	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Application Note

Western blot : 1-2 µg/ml; Immunohistochemistry(Frozen Section) : 2-4 µg/ml

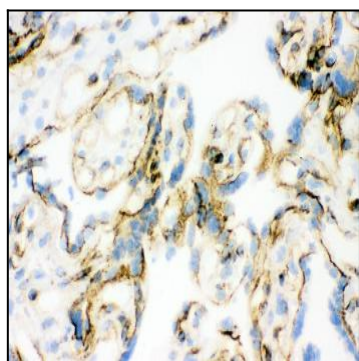


Figure 1: Anti-Vinculin antibody 39-1053. IHC(P), IHC(F): Human Placenta Tissue.

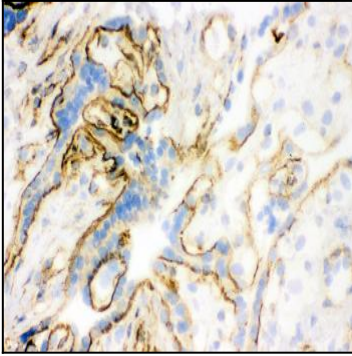


Figure 2: Anti-Vinculin antibody 39-1053 . IHC(P), IHC(F): Human Placenta Tissue.