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## 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 adherenstype 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%). Vinculinis 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 NaN3 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 :  $1-2\tilde{A} \square \hat{A} / 4g/ml$ ; Immunohistochemistry(Frozen Section) :  $2-4\tilde{A} \square \hat{A} / 4g/ml$ 

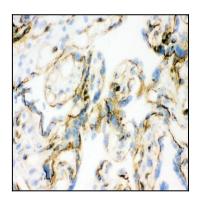


Figure 1: Anti-Vinculin antibody 39-1053. IHC(P), IHC(F): Human Placenta Tissue.



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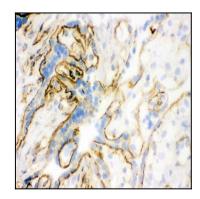


Figure 2: Anti-Vinculin antibody 39-1053 . IHC(P), IHC(F): Human Placenta Tissue.