For Research Use Only

Vinculin Monoclonal antibody

Catalog Number:66305-2-Ig

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Basic Information

Catalog Number:
66305-2-Ig

Size:
1000 ug/ml

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG24946

GenBank Accession Number:
BC039174

GeneID (NCBI):
7414

UNIPROT ID:
P18206

Full Name:
vinculin

Calculated MW:
1133 aa, 124 kDa

Observed MW:
124 kDa

Purification Method:
Protein G purification

CloneNo.:
3A11F8

Recommended Dilutions:
WB 1:5000-1:50000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse, rat, rabbit

Positive Controls:

WB : MKN-45 cells, HUVEC cells, LNCaP cells, K-562 cells, rat heart tissue, mouse heart tissue, rabbit heart tissue, HeLa cells, HGC-27 cells

Background Information

Vinculin belongs to the vinculin/alpha-catenin family. It is an actin filament (F-actin)-binding protein which involved in cell-matrix adhesion and cell-cell adhesion. Vinculin regulates cell-surface E-cadherin expression and potentiates mechanosensing by the E-cadherin complex. It may also play important roles in cell morphology and locomotion. Vinculin is a 117-kDa, 1,066-amino-acid protein that is ubiquitously expressed. Its splice variant, metavinculin (124 kDa), is muscle-specific.

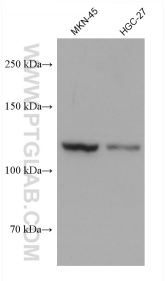
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

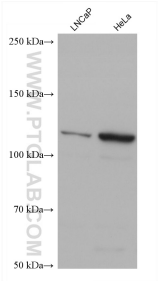
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66305-2-Ig (Vinculin antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



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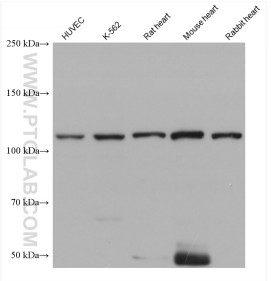

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