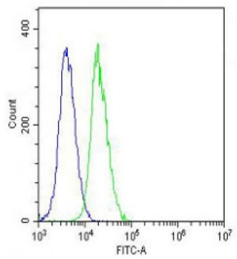
Vinculin Antibody (F54510)

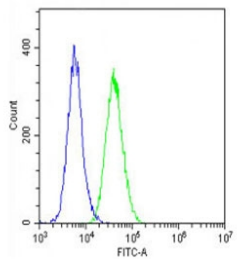
Catalog No.	Formulation	Size
F54510-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F54510-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

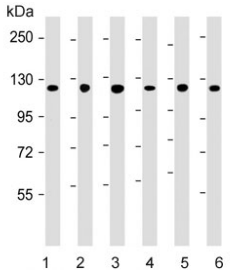
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q64727
Applications	Western blot: 1:500-1:2000 Flow cytometry: 1:25 (1x10e6 cells) Immunohistochemistry (FFPE): 1:25
Limitations	This Vinculin antibody is available for research use only.



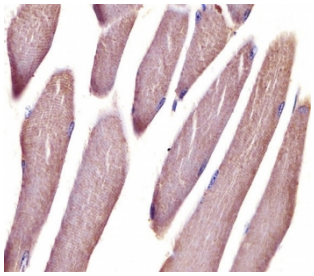
Flow cytometry testing of fixed and permeabilized mouse NIH 3T3 cells with Vinculin antibody; Blue=isotype control, Green= Vinculin antibody.



Flow cytometry testing of fixed and permeabilized mouse C2C12 cells with Vinculin antibody; Blue=isotype control, Green= Vinculin antibody.



Western blot testing of 1) human skeletal muscle, 2) human A431, 3) human HeLa, 4) mouse kidney, 5) rat PC-12 and 6) human HepG2 cell lysate with Vinculin antibody. Predicted molecular weight ~124 kDa.



IHC testing of FFPE mouse skeletal muscle tissue with Vinculin antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.

Description

Actin filament (F-actin)-binding protein involved in cell-matrix adhesion and cell-cell adhesion. Regulates cell- surface E-cadherin expression and potentiates mechanosensing by the E-cadherin complex. May also play important roles in cell morphology and locomotion (By similarity).

Learn more about focal adhesion biology and vinculin research by visiting our Vinculin Antibody / Focal Adhesion Protein Antibody page.

Application Notes

The stated application concentrations are suggested starting points. Titration of the Vinculin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Recombinant human protein was used as the immunogen for the Vinculin antibody.

Storage

Aliquot the Vinculin antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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