

For Research Use Only

CoraLite®594-conjugated Vinculin Polyclonal antibody



Catalog Number:CL594-26520

Basic Information

Catalog Number: CL594-26520	GenBank Accession Number: BC039174	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 7414	Recommended Dilutions: IF 1:200-1:800
Source: Rabbit	Full Name: vinculin	Excitation/Emission maxima wavelengths: 593 nm / 614 nm
Isotype: IgG	Calculated MW: 1133 aa, 124 kDa	
Immunogen Catalog Number: AG24942	Observed MW: 117 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : A549 cells, HUVEC cells
Species Specificity: human, mouse	

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 which is ubiquitously expressed. Its splice variant, metavinculin (124 kDa), is muscle-specific.

Storage

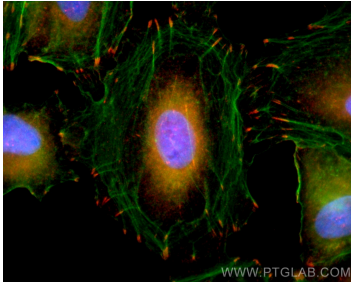
Storage:
Store at -20°C. Avoid exposure to light.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using CoraLite@594 Vinculin antibody (CL594-26520) at dilution of 1:400, CoraLite@594 Beta Actin antibody (CL594-66009, Clone: 2D4H5, red).