

For Research Use Only

CoraLite® Plus 750-conjugated Vinculin Monoclonal antibody

Catalog Number: CL750-66305



Basic Information

Catalog Number:

CL750-66305

Concentration:

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:

117 kDa

Purification Method:

Protein G purification

CloneNo.:

2B5A7

Excitation/Emission maxima wavelengths:

755 nm / 780 nm

Applications

Tested Applications:

Species Specificity:

human, mouse, rat, pig

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. Stable for one year after shipment.

Storage Buffer:

PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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

