For Research Use Only

## CoraLite® Plus 750-conjugated Vinculin Monoclonal antibody

Catalog Number:CL750-66305-2



**Basic Information** 

Catalog Number: CL750-66305-2 GenBank Accession Number: BC039174

Purification Method: Protein G purification

Source:

GeneID (NCBI):

CloneNo.:

755 nm / 780 nm

Mouse Isotype: 7414 UNIPROT ID: **3A11F8** Excitation/Emission maxima

lgG1

P18206 Full Name: vinculin wavelengths:

Immunogen Catalog Number: AG24946

Calculated MW: 1133 aa, 124 kDa Observed MW:

124 kDa

**Applications** 

**Tested Applications:** 

Species Specificity:

human, mouse, rat, rabbit

**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. 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

Selected Validation Data