

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
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 7414	CloneNo.: 3A11F8
Source: Mouse	UNIPROT ID: P18206	Excitation/Emission maxima wavelengths: 755 nm / 780 nm
Isotype: IgG1	Full Name: vinculin	
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

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