

For Research Use Only

CoraLite® Plus 750-conjugated Vinculin Monoclonal antibody



Catalog Number: CL750-66305

Basic Information

Catalog Number: CL750-66305	GenBank Accession Number: BC039174	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 7414	CloneNo.: 2B5A7
Source: Mouse	UNIPROT ID: P18206	Recommended Dilutions: WB 1:500-1:2000
Isotype: IgG1	Full Name: vinculin	Excitation/Emission maxima wavelengths: 755 nm / 780 nm
Immunogen Catalog Number: AG24946	Calculated MW: 1133 aa, 124 kDa	
	Observed MW: 117 kDa	

Applications

Tested Applications: WB	Positive Controls: WB : K-562 cells, PC-3 cells
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, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

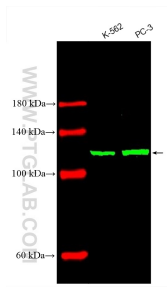
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with CL750-66305 (Vinculin antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.