

For Research Use Only

CoraLite® Plus 647-conjugated Talin-1 Recombinant monoclonal antibody

Catalog Number: CL647-82856-4



Basic Information

Catalog Number: CL647-82856-4	GenBank Accession Number: BC042923	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 7094	CloneNo.: 7D11
Source: Rabbit	UNIPROT ID: Q9Y490	Recommended Dilutions: IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: talin 1	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Immunogen Catalog Number: AG5367	Calculated MW: 2541 aa, 270 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : A549 cells,
Species Specificity: human, mouse, rat	

Background Information

Talin-1 is a large cytoskeletal protein consisting of a globular head domain and a long rod comprised of a series of α -helical bundles (PMID: 35266014). Talin-1 is ubiquitously expressed and is a major component of focal adhesions which are multi-protein, integrin-containing complexes, mediating cell migration, adhesion and integrin signalling (PMID: 33431906). Talin-1 also plays a role in tumor formation, migration and metastasis in various malignancies (PMID: 37013489).

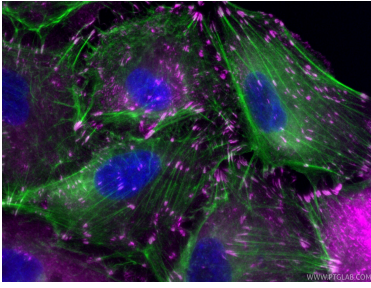
Storage

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:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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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



Immunofluorescent analysis of (4% PFA) fixed A549 cells using CoraLite® Plus 647 Talin-1 antibody (CL647-82856-4, Clone: 7D11) at dilution of 1:200, CL488-phalloidin (green).