

For Research Use Only

CoraLite® Plus 750-conjugated Talin-1 Polyclonal antibody



Catalog Number: CL750-14168

Featured Product

Basic Information

Catalog Number: CL750-14168	GenBank Accession Number: BC042923	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 7094	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	Full Name: talin 1	Excitation/Emission maxima wavelengths: 755 nm / 780 nm
Isotype: IgG	Calculated MW: 2541 aa, 270 kDa	
Immunogen Catalog Number: AG5367	Observed MW: 250-270 kDa	

Applications

Tested Applications: FC (Intra), IF	Positive Controls: IF : 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, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

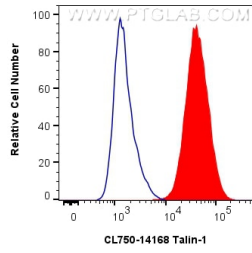
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
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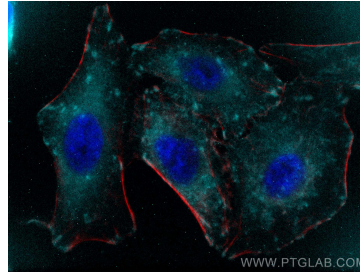
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1×10^6 HeLa cells were intracellularly stained with 0.8 μ g CoraLite® Plus 750 Anti-Human Talin-1 (CL750-14168) (red), or 0.8 μ g Isotype Control. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (4% PFA) fixed A549 cells using CoraLite® Plus 750 Talin-1 antibody (CL750-14168) at dilution of 1:200, CL594-phalloidin (red).