

For Research Use Only

CoraLite® Plus 488-conjugated Talin-1 Recombinant antibody

Catalog Number: CL488-82856-18

Featured Product



Basic Information

Catalog Number: CL488-82856-18	GenBank Accession Number: BC042923	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 7094	CloneNo.: 240294G5
Source: Rabbit	UNIPROT ID: Q9Y490	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG	Full Name: talin 1	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG5367	Calculated MW: 2541 aa, 270 kDa	
	Observed MW: ~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, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

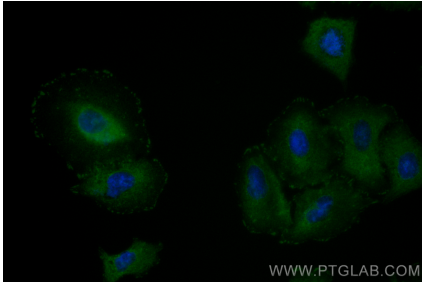
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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 488 Talin-1 antibody (CL488-82856-18, Clone: 240294G5) at dilution of 1:200.