

For Research Use Only

CoraLite®594-conjugated Talin-1 Recombinant monoclonal antibody

Catalog Number: CL594-82856-4



Basic Information

Catalog Number:

CL594-82856-4

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5367

GenBank Accession Number:

BC042923

GeneID (NCBI):

7094

UNIPROT ID:

Q9Y490

Full Name:

talin 1

Calculated MW:

2541 aa, 270 kDa

Purification Method:

Protein A purification

CloneNo.:

7D11

Recommended Dilutions:

IF/ICC: 1:50-1:500

Excitation/Emission maxima
wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : A549 cells,

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:

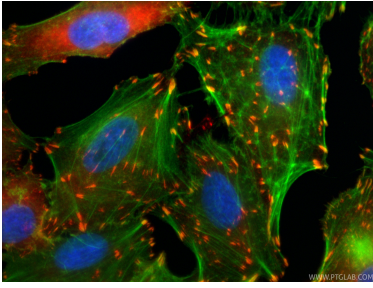
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed A549 cells using CoraLite®594 Talin-1 antibody (CL594-82856-4, Clone: 7D11) at dilution of 1:200, CL488-phalloidin (green).