

For Research Use Only

# CoraLite®555-conjugated CALD1 Monoclonal antibody



Catalog Number:CL555-66693

Featured Product

## Basic Information

Catalog Number:

CL555-66693

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG13676

GenBank Accession Number:

BC040354

GeneID (NCBI):

800

UNIPROT ID:

Q05682

Full Name:

caldesmon 1

Calculated MW:

538 aa, 63 kDa

Observed MW:

70 kDa~75 kDa

Purification Method:

Protein A purification

CloneNo.:

1E1C11

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima  
wavelengths:

557 nm / 570 nm

## Applications

Tested Applications:

IF/ICC, FC (Intra)

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : HeLa cells,

## Background Information

### Storage

Storage:

Store at -20°C. Avoid exposure to light.

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:

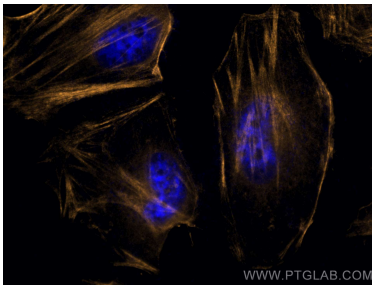
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

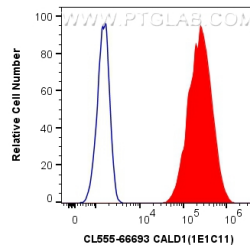
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite®555 CALD1 antibody (CL555-66693, Clone: 1E1C11) at dilution of 1:200.



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.8 ug CoraLite®555 Anti-Human CALD1 (CL555-66693, Clone:1E1C11) (red), or 0.8 ug CoraLite® Plus 555 Mouse IgG2b Isotype Control (MPC-11) (CL555-65128, Clone: MPC-11) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).