

For Research Use Only

# CoraLite®594-conjugated CALD1 Monoclonal antibody



Catalog Number: **CL594-66693**

Featured Product

## Basic Information

<b>Catalog Number:</b> CL594-66693	<b>GenBank Accession Number:</b> BC040354	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by 800 Nanodrop;	<b>GeneID (NCBI):</b> 800	<b>CloneNo.:</b> 1E1C11
<b>Source:</b> Mouse	<b>Full Name:</b> caldesmon 1	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Isotype:</b> IgG2b	<b>Calculated MW:</b> 538 aa, 63 kDa	<b>Excitation/Emission maxima wavelengths:</b> 588 nm / 604 nm
<b>Immunogen Catalog Number:</b> AG13676	<b>Observed MW:</b> 70 kDa~75 kDa	

## Applications

<b>Tested Applications:</b> FC (Intra), IF	<b>Positive Controls:</b> IF : HepG2 cells,
<b>Species Specificity:</b> Human, Mouse, Rat	

## Background Information

### Storage

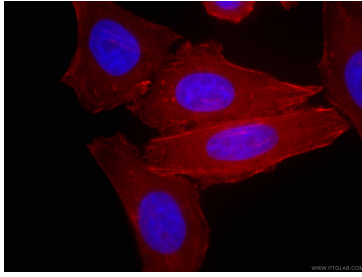
**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

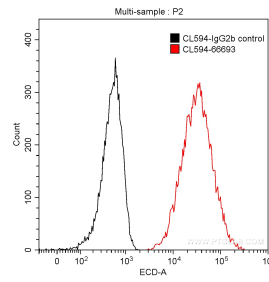
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CL594-66693 (CALD1 antibody) at dilution of 1:100.



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.2 ug CoraLite®594 Anti-Human CALD1 (CL594-66693, Clone:1E1C11) (red), and 0.2 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with 0.1% TritonX-100.