

For Research Use Only

# CoraLite®594-conjugated Centrin 1 Polyclonal antibody



Catalog Number: **CL594-12794**

## Basic Information

Catalog Number:

CL594-12794

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3529

GenBank Accession Number:

BC029515

GeneID (NCBI):

1068

UNIPROT ID:

Q12798

Full Name:

centrin, EF-hand protein, 1

Calculated MW:

172 aa, 20 kDa

Purification Method:

Antigen Affinity Purified

Recommended Dilutions:

IF 1:50-1:500

Excitation/Emission maxima  
wavelengths:

588 nm / 604 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF : HeLa cells,

## Background Information

EF-hand type Ca<sup>2+</sup>-binding proteins consists of several family members, including Centrin-1, Centrin-2 and Centrin-3. The Centrin proteins are ubiquitously expressed cytoskeletal components that show increased expression during cell differentiation. Centrin-1 plays important roles in the determination of centrosome position and segregation, and in the process of microtubule severing. Centrin-1 is localized to the centrosome of interphase cells, and redistributes to the region of the spindle poles during mitosis, reflecting the dynamic behavior of the centrosome during the cell cycle.

## 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:

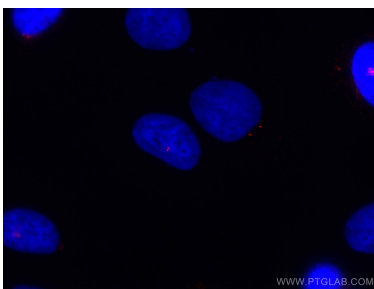
T: 4006900926

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

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CoraLite®594 Centrin 1 antibody (CL594-12794) at dilution of 1:200.