

# 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:**

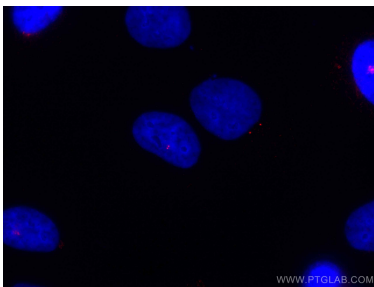
Store at -20°C. Avoid exposure to light.

**Storage Buffer:**

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

## 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.