

For Research Use Only

# CoraLite®594-conjugated Septin 2 Polyclonal antibody



Catalog Number: CL594-11397

Featured Product

## Basic Information

<b>Catalog Number:</b> CL594-11397	<b>GenBank Accession Number:</b> BC014455	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 4735	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> septin 2	<b>Excitation/Emission maxima wavelengths:</b> 588 nm / 604 nm
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 41 kDa	
<b>Immunogen Catalog Number:</b> AG1946	<b>Observed MW:</b> 45 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

Septin 2, also named as DIFF6, KIAA0158, NEDD5 and SEPT2, belongs to the septin family. It is a filament-forming cytoskeletal GTPase. SEPT2 is required for normal organization of the actin cytoskeleton. It plays a role in ciliogenesis and collective cell movements. SEPT2 is coordinated expression with SEPT6 and SEPT7. (PMID:21737677)

## Storage

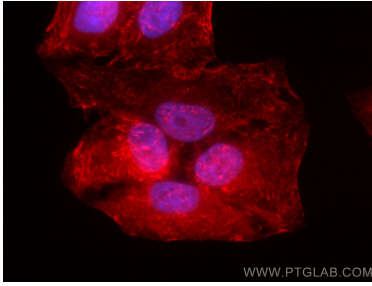
**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

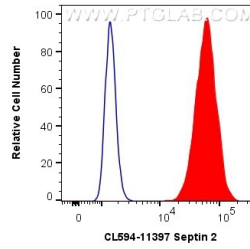
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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 HepG2 cells using CoraLite®594 Septin 2 antibody (CL594-11397) at dilution of 1:200.



1X10<sup>6</sup> MCF-7 cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human Septin 2 (CL594-11397) (red), or 0.4 ug Isotype Control. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).