

For Research Use Only

# CoraLite®594-conjugated Septin 2 Monoclonal antibody

Catalog Number: CL594-60075

Featured Product



## Basic Information

Catalog Number:

CL594-60075

Concentration:

1000 ug/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG1946

GenBank Accession Number:

BC014455

GeneID (NCBI):

4735

UNIPROT ID:

Q15019

Full Name:

septin 2

Calculated MW:

41 kDa

Observed MW:

42-45 kDa

Purification Method:

Protein G purification

CloneNo.:

2F3B2

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima  
wavelengths:

588 nm / 604 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : MCF-7 cells, HepG2 cells, K-562 cells

## Background Information

Septin 2, also named as DIFF6, KIAA0158, NEDD5, belongs to the septin family. It is a filament-forming cytoskeletal GTPase. Septin 2 is required for normal organization of the actin cytoskeleton. It plays a role in ciliogenesis and collective cell movements. Septin 2 is coordinated expression with Septin 6 and Septin 7. (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

For technical support and original validation data for this product please contact:

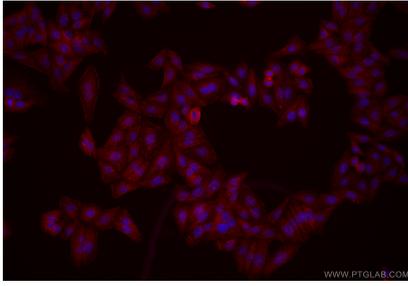
T: 4006900926

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

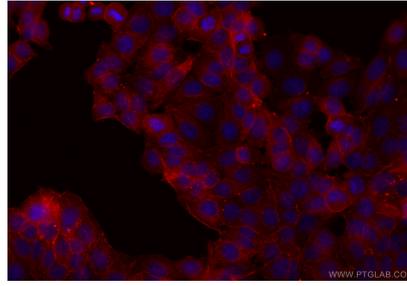
W: [ptgcn.com](http://ptgcn.com)

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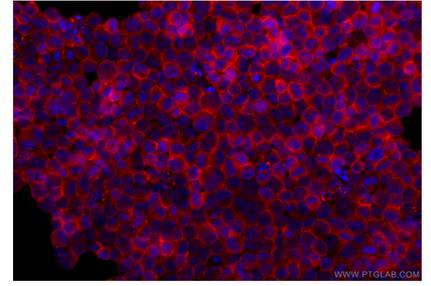
## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite®594 Septin 2 antibody (CL594-60075, Clone: 2F3B2) at dilution of 1:200.



Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using CoraLite®594 Septin 2 antibody (CL594-60075, Clone: 2F3B2) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed K-562 cells using CoraLite®594 Septin 2 antibody (CL594-60075, Clone: 2F3B2) at dilution of 1:200.