

For Research Use Only

# CoraLite®594-conjugated TELO2 Monoclonal antibody



Catalog Number:CL594-66077

## Basic Information

Catalog Number:

CL594-66077

Size:

2000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG8834

GenBank Accession Number:

BC017188

GeneID (NCBI):

9894

UNIPROT ID:

Q9Y4R8

Full Name:

TEL2, telomere maintenance 2,  
homolog (S. cerevisiae)

Calculated MW:

837 aa, 92 kDa

Observed MW:

92 kDa

Purification Method:

Protein G purification

CloneNo.:

3H10F4

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima  
wavelengths:

588 nm / 604 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human, rat

Positive Controls:

IF/ICC : HepG2 cells,

## Background Information

TELO2 gene encodes a telomere length regulation protein TEL2 homolog. TELO2 may be involved in telomere length regulation and can form TTT complex with TTI1 and TTI2. TTT complex is required to stabilize protein levels of PIKK family proteins and is involved in the cellular resistance to DNA damage stresses, like ionizing radiation (IR), ultraviolet (UV) and MMC. The activity of mTORC1 and mTORC2 complexes, which regulate cell growth and survival in response to nutrient and hormonal signals, can be promoted, stabilized and maintained by TELO2.

## 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:

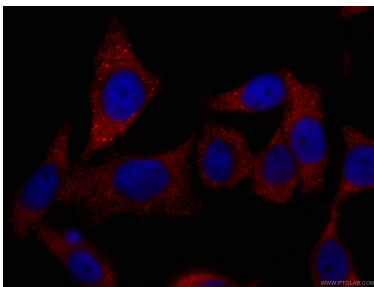
T: 4006900926

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

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

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 CL594-66077 (TEL02 antibody) at dilution of 1:100.