

For Research Use Only

CoraLite®594-conjugated TELO2 Monoclonal antibody



Catalog Number:CL594-66077

Basic Information

Catalog Number: CL594-66077	GenBank Accession Number: BC017188	Purification Method: Protein G purification
Size: 2000 µg/ml	GeneID (NCBI): 9894	CloneNo.: 3H10F4
Source: Mouse	UNIPROT ID: Q9Y4R8	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	Full Name: TEL2, telomere maintenance 2, homolog (S. cerevisiae)	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG8834	Calculated MW: 837 aa, 92 kDa	
	Observed MW: 92 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF : HepG2 cells,
Species Specificity: human, rat	

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:

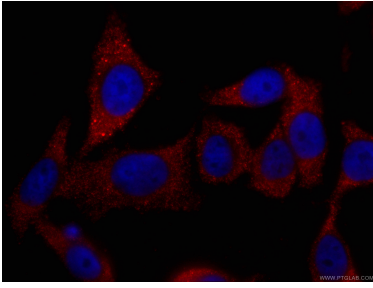
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CL594-66077 (TELO2 antibody) at dilution of 1:100.