

For Research Use Only

# CoraLite®594-conjugated TMF1 Monoclonal antibody



Catalog Number:CL594-67505

## Basic Information

<b>Catalog Number:</b> CL594-67505	<b>GenBank Accession Number:</b> BC126123	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 7110	<b>CloneNo.:</b> 3G12F2
<b>Source:</b> Mouse	<b>Full Name:</b> TATA element modulatory factor 1	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 1093 aa, 123 kDa	<b>Excitation/Emission maxima wavelengths:</b> 593 nm / 614 nm
<b>Immunogen Catalog Number:</b> AG17666	<b>Observed MW:</b> 150-160 kDa	

## Applications

<b>Tested Applications:</b> IF	<b>Positive Controls:</b> IF : HepG2 cells,
<b>Species Specificity:</b> Human, mouse, rat	

## Background Information

TMF1, also named as ARA160, is a potential coactivator of the androgen receptor. TMF1 mediates STAT3 degradation. TMF1 plays critical roles in two RAB6-dependent retrograde transport processes: one from endosomes to the Golgi and the other from the Golgi to the ER. TMF1 binds the HIV-1 TATA element and inhibits transcriptional activation by the TATA-binding protein (TBP). The antibody is specific to TMF1. TMF1 can be detected as 150-160 kDa after posttranslational modification.

## Storage

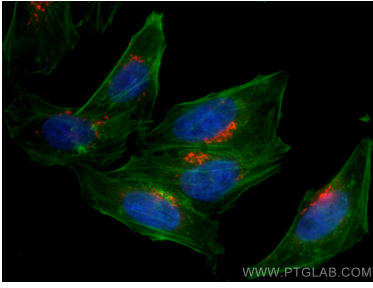
**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

**\*\*\* 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 TMF1 antibody (CL594-67505, Clone: 3G12F2) at dilution of 1:200, CL488-Phalloidin (green).