

CoraLite®594-conjugated TMF1 Monoclonal antibody

Catalog Number: **CL594-67505**

Basic Information

Catalog Number:

CL594-67505

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG17666

GenBank Accession Number:

BC126123

GeneID (NCBI):

7110

UNIPROT ID:

P82094

Full Name:

TATA element modulatory factor 1

Calculated MW:

1093 aa, 123 kDa

Observed MW:

150-160 kDa

Purification Method:

Protein G purification

CloneNo.:

3G12F2

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 : HepG2 cells,

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:

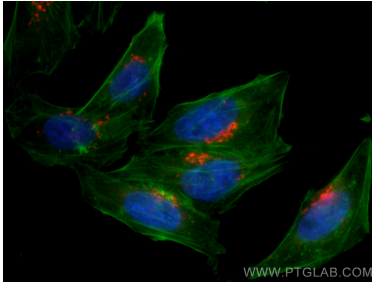
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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).