

For Research Use Only

# CoraLite®594-conjugated TCOF1 Recombinant antibody

Catalog Number: CL594-84914-4



## Basic Information

### Catalog Number:

CL594-84914-4

### Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG1447

### GenBank Accession Number:

BC014559

### GeneID (NCBI):

6949

### UNIPROT ID:

Q13428

### Full Name:

Treacher Collins-Franceschetti syndrome 1

### Calculated MW:

97 kDa, 144 kDa, 152 kDa

### Observed MW:

220-240 kDa

### Purification Method:

Protein A purification

### CloneNo.:

242201E12

### Recommended Dilutions:

IF/ICC: 1:50-1:500

### Excitation/Emission maxima wavelengths:

588 nm / 604 nm

## Applications

### Tested Applications:

IF/ICC

### Species Specificity:

human

### Positive Controls:

IF/ICC : MCF-7 cells,

## Background Information

TCOF1 also known as treacle, is a nucleolar protein with a U1S1 homology domain. TCOF1 is involved in ribosomal DNA gene transcription by interacting with upstream binding factor (UBF). Mutations in TCOF1 have been associated with Treacher Collins syndrome, a disorder which includes abnormal craniofacial development(PMID: 31218872)

## 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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

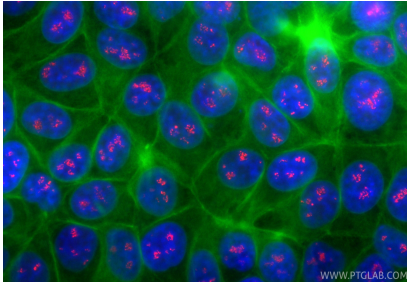
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using CoraLite®594 TCOF1 antibody (CL594-84914-4, Clone: 242201E12 ) at dilution of 1:200, CL488-Phalloidin (green).