

For Research Use Only

# CoraLite®594-conjugated CCT8 Monoclonal antibody

Catalog Number:CL594-67539

Featured Product



## Basic Information

Catalog Number:

CL594-67539

Size:

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

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG30082

GenBank Accession Number:

BC012584

GeneID (NCBI):

10694

UNIPROT ID:

P50990

Full Name:

chaperonin containing TCP1, subunit  
8 (theta)

Calculated MW:

548 aa, 60 kDa

Observed MW:

60 kDa

Purification Method:

Protein A purification

CloneNo.:

1A7C3

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima

wavelengths:

588 nm / 604 nm

## Applications

Tested Applications:

IF/ICC, FC (Intra)

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : MCF-7 cells,

## Background Information

CCT8, also named as C21orf112, CCTQ, KIAA0002, CCT-theta, TCP-1-theta and NY-REN-15, belongs to the TCP-1 chaperonin family. It is a molecular chaperone; assists the folding of proteins upon ATP hydrolysis. As part of the BBS/CCT complex, CCT8 may play a role in the assembly of BBSome, a complex involved in ciliogenesis regulating transports vesicles to the cilia. Dysregulation of CCT8 has been linked to proliferation and invasion of tumors.

## 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

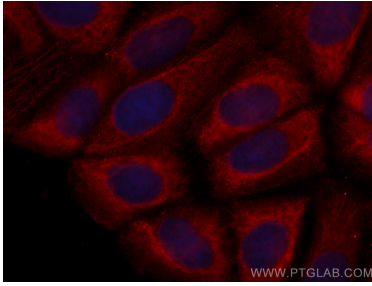
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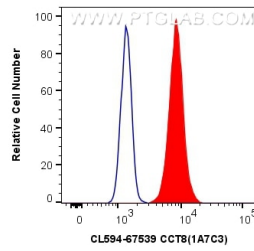
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## Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using CoraLite®594 CCT8 antibody (CL594-67539, Clone: 1A7C3 ) at dilution of 1:200.



1X10<sup>6</sup> MCF-7 cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human CCT8 (CL594-67539, Clone:1A7C3) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).