

For Research Use Only

CoraLite® Plus 488-conjugated CCT8 Monoclonal antibody



Catalog Number: CL488-67539

Basic Information

Catalog Number:

CL488-67539

Size:

1000 µg/ml

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 1:50-1:500

Excitation/Emission maxima

wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

Human, mouse, rat

Positive Controls:

IF : 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

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

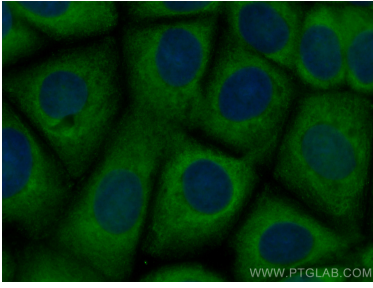
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using CoraLite® Plus 488 CCT8 antibody (CL488-67539, Clone: 1A7C3) at dilution of 1:200.