

For Research Use Only

CoraLite® Plus 488-conjugated CCT7 Monoclonal antibody



Catalog Number:CL488-67540

Basic Information

Catalog Number: CL488-67540	GenBank Accession Number: BC019296	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 10574	CloneNo.: 2C1G1
Source: Mouse	Full Name: chaperonin containing TCP1, subunit 7 (eta)	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	Calculated MW: 543 aa, 59 kDa	Excitation/Emission maxima wavelengths: 488 nm / 515 nm
Immunogen Catalog Number: AG9502	Observed MW: 59 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : U2OS cells,
Species Specificity: Human, mouse	

Background Information

CCT7 is a subunit of CCT complex-a large cytosolic chaperonin complex composed of two hetero-oligomeric stacked rings able to interact with nascent polypeptides, which mediates protein folding in an ATP-dependent manner and prevents aggregation in eukaryotes. Each ring consists of eight different subunits (CCT1 to CCT8). CCT7 is involved in preventing aggregation of GPCRs and in regulating their expression, maturation, and transport to the cell surface.

Storage

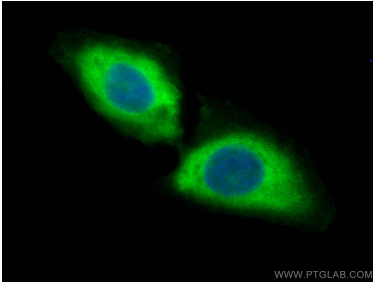
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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)
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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 U2OS cells using CoraLite® Plus 488 CCT7 antibody (CL488-67540, Clone: 2C1G1) at dilution of 1:200.