For Research Use Only

CoraLite®594-conjugated CLTC Monoclonal antibody

Catalog Number:CL594-66487 Featured Product

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
CL594-66487

Size:
100ul , Concentration: 1000 μg/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG25040

GenBank Accession Number:
BC054489

GeneID (NCBI):
1213

Full Name:
clathrin, heavy chain (Hc)

Calculated MW:
192 kDa

Observed MW:
170 kDa

Purification Method:
Protein G purification

CloneNo.:
1B3D7

Recommended Dilutions:
IF 1:50-1:500

Excitation/Emission maxima wavelengths:
593 nm / 614 nm

Applications

Tested Applications:
IF

Species Specificity:
Human, Pig, Mouse, Rat

Positive Controls:

IF : HepG2 cells,

Background Information

Clathrin is the major protein of the polyhedral coat of coated pits and vesicles which entrap specific macromolecules during receptor-mediated endocytosis. The clathrin molecule has a triskelion shape. Each clathrin triskelion is composed of three identical heavy chains (CLTC) (160-190 kDa) and three light chains of two types, LCA (CLTA) and LCB (CLTB) (30-40 kDa). The heavy chain provides the structural backbone of the clathrin lattice. (PMID: 9133677)

Storage

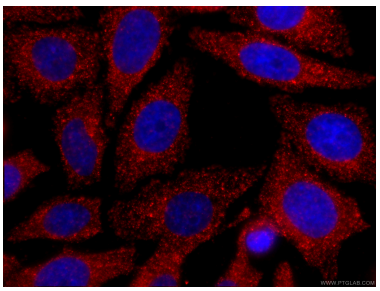
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 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)
E: proteintech@ptglab.com
W: ptglab.com

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 Ethanol) fixed HepG2 cells using CL594-66487 (CLTC antibody) at dilution of 1:100.