

For Research Use Only

# CoraLite® Plus 488-conjugated CLTA

## Polyclonal antibody



Catalog Number: CL488-10852

Featured Product

### Basic Information

Catalog Number:

CL488-10852

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1299

GenBank Accession Number:

BC019287

GeneID (NCBI):

1211

UNIPROT ID:

P09496

Full Name:

clathrin, light chain (Lca)

Calculated MW:

27 kDa

Observed MW:

35-38 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF/ICC 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/ICC : 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 (180 kDa) and three light chains of two types, LCA (CLTA) and LCB (CLTB) (30-40 kDa). The light chain subunits are thought to regulate the formation or disassembly of clathrin coats. (PMID: 2445759; 8374173; 3563513)

### Storage

Storage:

Store at -20°C. Avoid exposure to light.

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 (4% PFA) fixed HepG2 cells using CoraLite® Plus 488 CLTA antibody (CL488-10852) at dilution of 1:200, CL594-phalloidin (red).