

For Research Use Only

CoraLite® Plus 488-conjugated PCYT1A Recombinant antibody



Catalog Number: CL488-83100

Basic Information

Catalog Number:

CL488-83100

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34268

GenBank Accession Number:

NM_005017

GeneID (NCBI):

5130

UNIPROT ID:

P49585

Full Name:

phosphate cytidylyltransferase 1,

choline, alpha

Calculated MW:

42 kDa

Observed MW:

38-41 kDa

Purification Method:

Protein A purification

CloneNo.:

230393B4

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima

wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC, FC (Intra)

Species Specificity:

human

Positive Controls:

IF/ICC : MCF-7 cells,

Background Information

PCYT1A (phosphate cytidylyltransferase 1A, choline), also known as CTPCT. It is expected to be located in the nucleus and cytoplasm, which is enriched in brain, placenta, liver, fetal and adult lung. This gene belongs to the cytidylyltransferase family and is involved in the regulation of phosphatidylcholine biosynthesis. Mutations in this gene are associated with spondylometaphyseal dysplasia with cone-rod dystrophy. The molecular weight of PCYT1A is 41 kDa.

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:

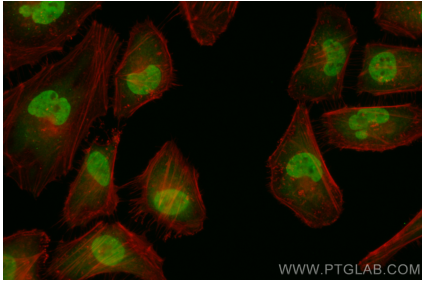
T: 4006900926

E: Proteintech-CN@ptglab.com

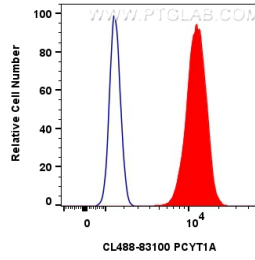
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using CoraLite® Plus 488 PCYT1A antibody (CL488-83100, Clone: 230393B4) at dilution of 1:200.



1x10⁶ A431 cells were intracellularly stained with 0.8 ug CoraLite® Plus 488 Pcyt1a Recombinant Antibody (CL488-83100, Clone:230393B4)(red), or 0.8 ug CoraLite® Plus 488-conjugated Rabbit IgG control Rabbit PolyAb (CL488-30000) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).