

For Research Use Only

# CoraLite® Plus 488-conjugated LZTFL1 Polyclonal antibody



Catalog Number: CL488-17073

Featured Product

## Basic Information

Catalog Number:

CL488-17073

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10919

GenBank Accession Number:

BC025988

GeneID (NCBI):

54585

UNIPROT ID:

Q9NQ48

Full Name:

leucine zipper transcription factor-like 1

Calculated MW:

299 aa, 35 kDa

Observed MW:

35 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, FC (Intra)

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : HepG2 cells,

## Background Information

LZTFL1 belongs to the LZTFL1 family. It is an important regulator of BBSome ciliary trafficking and hedgehog signaling. LZTFL1 regulates Ciliary Trafficking of the BBSome and Smoothed. (PMID:22072986)

## 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:

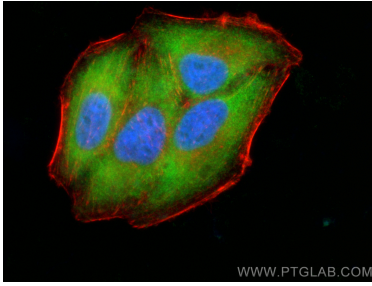
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

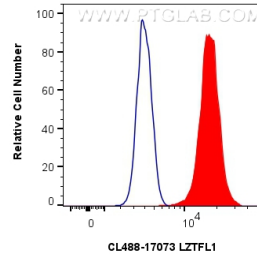
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite® Plus 488 LZTFL1 antibody (CL488-17073) at dilution of 1:200, CL594-Phalloidin (red).



1x10<sup>6</sup> HepG2 cells were intracellularly stained with 0.8 ug CoraLite® Plus 488-conjugated LZTFL1 Polyclonal antibody (CL488-17073)(red), or 0.8 ug CoraLite® Plus 488-conjugated Rabbit IgG control Rabbit PolyAb (CL488-30000) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).