

For Research Use Only

# CoraLite® Plus 488-conjugated CLIC4 Monoclonal antibody



Catalog Number: CL488-66343

Featured Product

## Basic Information

Catalog Number:

CL488-66343

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG2942

GenBank Accession Number:

BC012444

GeneID (NCBI):

25932

UNIPROT ID:

Q9Y696

Full Name:

chloride intracellular channel 4

Calculated MW:

253 aa, 29 kDa

Observed MW:

29 kDa

Purification Method:

Protein G purification

CloneNo.:

1B7F9

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

FC (Intra)

Species Specificity:

human, pig, rat

## Background Information

Chloride channels are a diverse group of proteins that regulate fundamental cellular processes including stabilization of cell membrane potential, transepithelial transport, maintenance of intracellular pH, and regulation of cell volume. CLIC4 is a p53- and tumor necrosis factor alpha-regulated cytoplasmic and mitochondrial protein that belongs to the CLIC family of intracellular chloride channels. CLICs have actions distinct from traditional cell membrane chloride channels, including formation of ion channels in intracellular organelles and roles in membrane trafficking, apoptosis, and cell differentiation.

## 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:

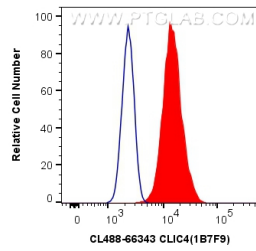
T: 4006900926

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

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

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug Coralite® Plus 488 Anti-Human CLIC4 (CL488-66343, Clone:1B7F9) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).