

For Research Use Only

CoraLite® Plus 488-conjugated CLIC4 Monoclonal antibody



Catalog Number: CL488-66343

Featured Product

Basic Information

Catalog Number: CL488-66343	GenBank Accession Number: BC012444	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 25932	CloneNo.: 1B7F9
Source: Mouse	Full Name: chloride intracellular channel 4	Excitation/Emission maximum wavelengths: 493 nm / 522 nm
Isotype: IgG1	Calculated MW: 253 aa, 29 kDa	
Immunogen Catalog Number: AG2942	Observed MW: 29 kDa	

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.

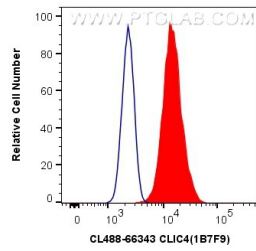
Aliquoting is unnecessary for -20°C storage

*** 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



1X10⁶ 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).