

For Research Use Only

# CoraLite® Plus 488-conjugated TRPC6 Polyclonal antibody



Catalog Number: CL488-18236

Featured Product

## Basic Information

Catalog Number:

CL488-18236

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12976

GenBank Accession Number:

BC093658

GeneID (NCBI):

7225

UNIPROT ID:

Q9Y210

Full Name:

transient receptor potential cation channel, subfamily C, member 6

Calculated MW:

931 aa, 106 kDa

Observed MW:

100-110 kDa

Purification Method:

Antigen affinity purification

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

FC (Intra)

Species Specificity:

human, mouse

## Background Information

Transient receptor potential canonical (TRPC) channels mediate the influx of different types of cations through the cell membrane and are involved in many functions of the organism (PMID: 28508319). The TRPC subfamily consists of seven members, TRPC1, TRPC2, TRPC3, TRPC4, TRPC5, TRPC6, TRPC7 (PMID: 32872338). TRPC6 is a Ca(2+)-permeable non-selective cation channel expressed in most human tissues. TRPC6 has been considered as potential therapeutic targets for malignant glioma treatment (PMID: 35489424).

## 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:

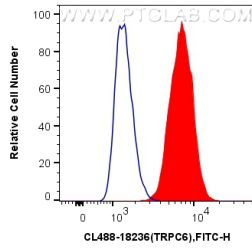
T: 4006900926

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> A549 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human TRPC6 (CL488-18236) (red), or 0.4 ug CoraLite® Plus 488-conjugated Rabbit IgG control Rabbit PolyAb (CL488-30000, Clone:.) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).