

For Research Use Only

CoraLite® Plus 488-conjugated REEP5 Polyclonal antibody

Catalog Number: CL488-14643

Featured Product



Basic Information

Catalog Number:

CL488-14643

Size:

100ul, Concentration: 1000 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6229

GenBank Accession Number:

BC065926

GeneID (NCBI):

7905

UNIPROT ID:

Q00765

Full Name:

receptor accessory protein 5

Calculated MW:

21 kDa

Observed MW:

18-21 kDa

Purification Method:

Antigen Affinity Purified

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 : HeLa cells, A549 cells

Background Information

REEP5 (receptor expression-enhancing protein 5), also named C5orf18, DP1, or TB2, is a membrane protein belonging to the DP1/Yop1p protein family. All REEP proteins contain a conserved TB2/DP1, HVA22 domain which is involved in intracellular trafficking and secretion (PMID: 19123125). REEP5 is expressed in circumvallate papillae and testis and may have the function of influencing functional cell surface expression of taste receptors (PMID: 16720576). REEP5 can interact with atlastins (ATL1 and ATL2) which are involved in modulating the structure of the ER network (PMID: 19665976).

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

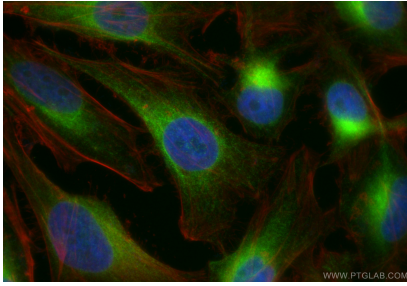
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

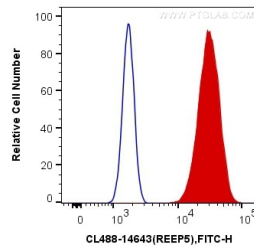
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using Coralite® Plus 488 REEP5 antibody (CL488-14643) at dilution of 1:200, CL594-Phalloidin (red).



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug Coralite® Plus 488 Anti-Human REEP5 (CL488-14643) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).