CoraLite® Plus 488-conjugated REEP5 Polyclonal antibody

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Antibodies | ELISA kits | Proteins
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Catalog Number:CL488-14643   Featured Product

Basic Information

Catalog Number:
CL488-14643

Size:
100ul , Concentration: 1000 μg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG6229

GenBank Accession Number:
BC065926

GeneID (NCBI):
7905

Full Name:
receptor accessory protein 5

Calculated MW:
21 kDa

Observed MW:
18-21 kDa

Purification Method:
Antigen Affinity Purified

Recommended Dilutions:
IF 1:50-1:500

Excitation/Emission maxima wavelengths:
488 nm / 515 nm

Applications

Tested Applications:
FC (Intra), IF

Species Specificity:
human, mouse, rat

Positive Controls:
IF : A549 cells,

Background Information

REEP5 (receptor expression-enhancing protein 5), also named as C5orf18, DP1 or TB2, is a membrane protein belonging to 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 to influence 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 ER network (PMID: 19665976).
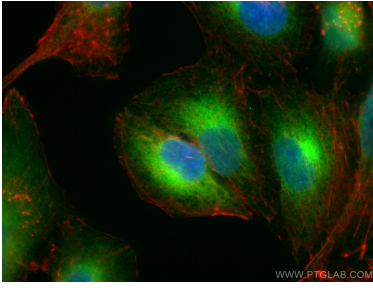
Storage

Storage:
Store at -20℃. Avoid exposure to light.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage
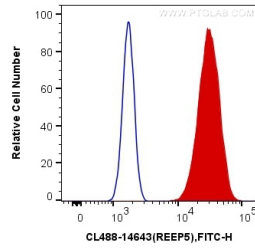
*** 20ul sizes contain 0.1% BSA

Selected Validation Data

Immunofluorescent analysis of (4% PFA) fixed A549 cells using CoraLite® Plus 488-conjugated REEP5 antibody (CL488-14643) at dilution of 1:100. F-actin is stained using CL555-phalloidin (red) and DNA is stained by DAPI (blue).

1X10^6 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).