

For Research Use Only

# CoraLite® Plus 488-conjugated POFUT1 Polyclonal antibody

Catalog Number: CL488-14929

Featured Product



## Basic Information

Catalog Number:

CL488-14929

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6710

GenBank Accession Number:

BC000582

GeneID (NCBI):

23509

UNIPROT ID:

Q9H488

Full Name:

protein O-fucosyltransferase 1

Calculated MW:

44 kDa

Observed MW:

44 kDa

Purification Method:

Antigen affinity purification

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 : HUVEC cells,

## Background Information

POFUT1 (protein O-fucosyltransferase 1), also known as GDP-fucose protein O-fucosyltransferase, is an enzyme that catalyzes the reaction that attaches fucose through an O-glycosidic linkage to a conserved serine or threonine residue in EGF domains and plays a crucial role in Notch signaling.

## 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:

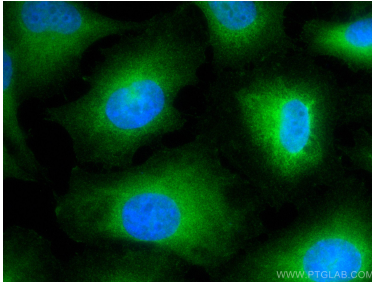
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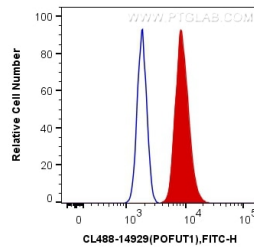
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HUVEC cells using CoraLite® Plus 488 POFUT1 antibody (CL488-14929) at dilution of 1:200.



1X10<sup>6</sup> A431 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human POFUT1 (CL488-14929) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).