

For Research Use Only

# CoraLite® Plus 488-conjugated GORASP2 Monoclonal antibody



Catalog Number: CL488-66627

## Basic Information

Catalog Number:

CL488-66627

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG17607

GenBank Accession Number:

BC007770

GeneID (NCBI):

26003

UNIPROT ID:

Q9H8Y8

Full Name:

golgi reassembly stacking protein 2,

55kDa

Calculated MW:

55 kDa

Observed MW:

59 kDa

Purification Method:

Protein A purification

CloneNo.:

1C9A3

Recommended Dilutions:

IF 1:50-1:500

Excitation/Emission maxima

wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

FC (Intra), IF/ICC

Species Specificity:

Human, Rat, Pig

Positive Controls:

IF : HepG2 cells,

## Background Information

GORASP2 (Golgi reassembly-stacking protein 2, or GRS2) has multiple phosphorylation sites and can be phosphorylated by MKK/ERK pathway during mitosis. GORASP2 plays a role in the assembly and membrane stacking of the Golgi cisternae, and in the process by which Golgi stacks reform after mitotic breakdown. GORASP2 is supposed to regulate the intracellular transport and presentation of a defined set of transmembrane proteins, such as transmembrane TGFA.

## Storage

Storage:

Store at -20°C. 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

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

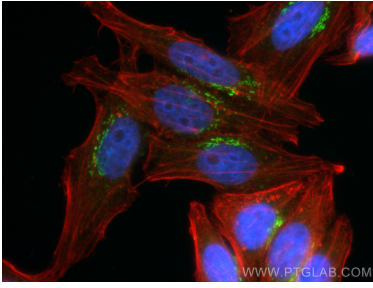
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

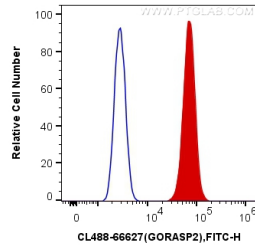
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using Coralite® Plus 488 GORASP2 antibody (CL488-66627, Clone: 1C9A3) at dilution of 1:200, CL594-Phalloidin (red).



1X10<sup>6</sup> HepG2 cells were intracellularly stained with 0.4 ug Coralite® Plus 488 Anti-Human GORASP2 (CL488-66627, Clone:1C9A3) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).