

For Research Use Only

CoraLite® Plus 488-conjugated GORASP2 Recombinant antibody

Catalog Number: CL488-85077-5



Basic Information

Catalog Number:

CL488-85077-5

Concentration:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0950

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.:

242700C11

Recommended Dilutions:

IF/ICC: 1:50-1:500

Excitation/Emission maxima

wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : 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. Stable for one year after shipment.

Storage Buffer:

PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3

Aliquoting is unnecessary for -20°C storage

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

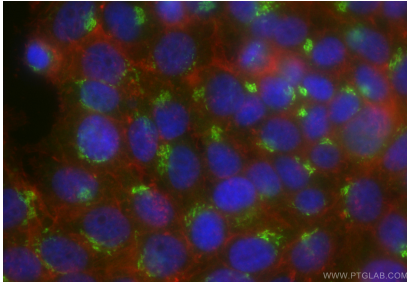
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite® Plus 488 GORASP2 antibody (CL488-85077-5, Clone: 242700C11) at dilution of 1:200, CL594-phalloidin (red).