

For Research Use Only

APC-conjugated GORASP2 Monoclonal antibody

Catalog Number: APC-66627



Basic Information

Catalog Number:

APC-66627

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:

FC (Intra): 0.1 ug per 10⁶ cells in a
100 µl suspension

Excitation/Emission maxima
wavelengths:

650 nm / 660 nm

Applications

Tested Applications:

FC (Intra)

Species Specificity:

human, rat, pig

Positive Controls:

FC (Intra) : 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 2-8°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

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

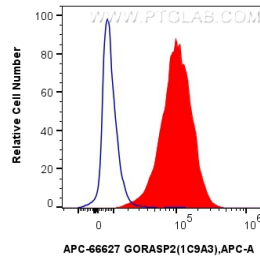
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Selected Validation Data



1x10⁶ HepG2 cells were intracellularly stained with 0.1 ug APC Gorasp2 Monoclonal Antibody (APC-66627, Clone:1C9A3)(red), or 0.1 ug APC Mouse IgG1 Isotype Control (MOPC-21) (APC-65124, Clone: MOPC-21). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019).