

For Research Use Only

GORASP2 Recombinant antibody, PBS Only

Catalog Number: 85077-5-PBS



Basic Information

Catalog Number:

85077-5-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

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

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human

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 -80°C.

Storage Buffer:

PBS Only

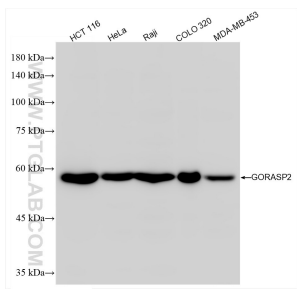
For technical support and original validation data for this product please contact:

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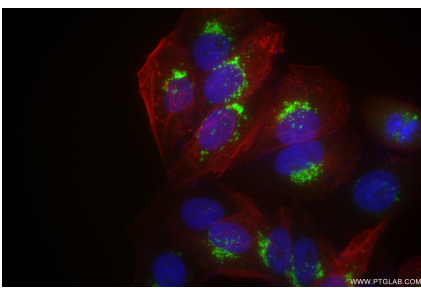
E: proteintech@ptglab.com
W: ptglab.com

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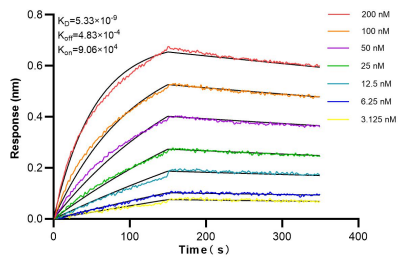
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85077-5-RR (GORASP2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85077-5-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using GORASP2 antibody (85077-5-RR, Clone: 242700C11) at dilution of 1:1000 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 85077-5-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 85077-5-RR against Human GORASP2 were performed. The affinity constant is 5.33 nM.