For Research Use Only

CoraLite® Plus 488-conjugated GOLGA2/GM130 Polyclonal antibody

Catalog Number:CL488-11308 Featured Product 1 Publications

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Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
CL488-11308

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG1848

GenBank Accession Number:
BC014188

GeneID (NCBI):
2801

UNIPROT ID:
Q08379

Full Name:
golgi autoantigen, golgin subfamily a, 2

Calculated MW:
111 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

Cited Applications:
IF

Species Specificity:
human

Cited Species:
mouse

Positive Controls:

IF/ICC : HeLa cells, HepG2 cells

Background Information

GOLGA2, also known as GM130, is a 130 kDa cis-Golgi matrix protein which is one component of the detergent and salt resistant Golgi matrix. It is a peripheral membrane protein highly bound to Golgi membrane and localized mainly at the cytoplasmic face of cis-Golgi membrane. Together with its interacting partner proteins, including p115, giantin, GRASP65, and Rab GTPase, GOLGA2/GM130 is involved in the regulation of ER-to-Golgi transport and also in the maintenance of the Golgi structure. Emerging evidence suggests that the GOLGA2/GM130 has potential roles in the control of glycosylation, cell cycle progression, and higher order cell functions such as cell polarization and directed cell migration. (PMID: 20197635)

Notable Publications

Author	Pubmed ID	Journal	Application
Jing Wang	39269275	Elife	IF

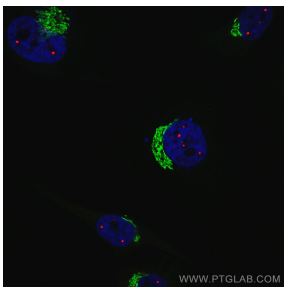
Storage

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

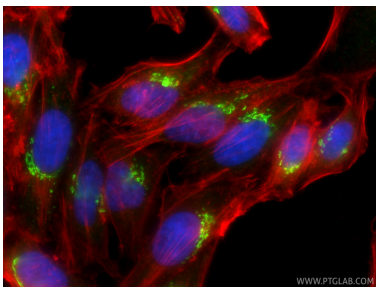
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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 HeLa cells using CoraLite® Plus 488 GOLGA2/GM130 antibody (CL488-11308) at dilution of 1:200, CoraLite®594 Coilin antibody (CL594-10967, red).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite® Plus 488 GOLGA2/GM130 antibody (CL488-11308) at dilution of 1:200, CL594-phalloidin (red).