

For Research Use Only

GOLIM4 Recombinant antibody, PBS Only

Catalog Number: 84818-5-PBS



Basic Information

Catalog Number:

84818-5-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34962

GenBank Accession Number:

NM_014498

GeneID (NCBI):

27333

UNIPROT ID:

O00461

Full Name:

golgi integral membrane protein 4

Calculated MW:

82 kDa

Observed MW:

130-140 kDa

Purification Method:

Protein A purification

CloneNo.:

242323F4

Applications

Tested Applications:

WB, IF/ICC, FC (Intra), Indirect ELISA

Species Specificity:

human, mouse

Background Information

Golgi integral membrane protein 4 (GOLIM4) is a 130-kDa membrane protein that is integrated into the cis/medial Golgi apparatus, which is a kind II Golgi protein. GOLIM4 is a Golgi protein that circulates between Golgi apparatus and endosomes, and its shuttle is pH sensitive(PMID:30068697).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

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

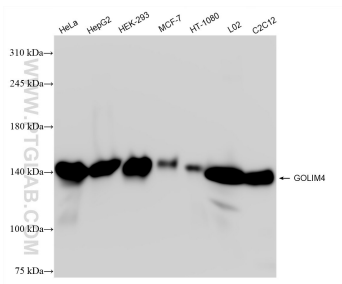
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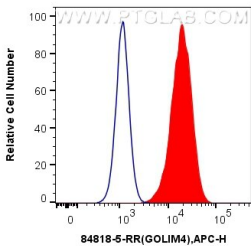
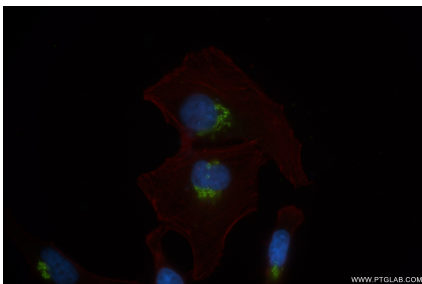
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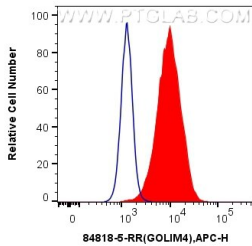
Selected Validation Data



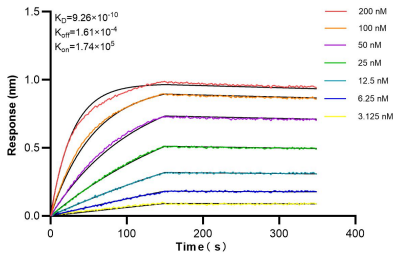
Various lysates were subjected to SDS PAGE followed by western blot with 84818-5-RR (GOLIM4 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84818-5-PBS in a different storage buffer formulation.



1x10⁶ U2OS cells were intracellularly stained with 0.25 ug GOLIM4 Recombinant antibody (84818-5-RR, Clone:242323F4) and APC-Conjugated Goat Anti-Rabbit IgG(H+L) (red), or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 84818-5-PBS in a different storage



1x10⁶ HeLa cells were intracellularly stained with 0.25 ug GOLIM4 Recombinant antibody (84818-5-RR, Clone:242323F4) and APC-Conjugated Goat Anti-Rabbit IgG(H+L) (red), or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 84818-5-PBS in a different storage



Biolayer interferometry (BLI) kinetic assays of 84818-5-RR against Human GOLIM4 were performed. The affinity constant is 0.926 nM.