

For Research Use Only

GOLIM4 Recombinant monoclonal antibody, PBS Only

Catalog Number: 84818-5-PBS



Basic Information

Catalog Number: 84818-5-PBS	GenBank Accession Number: NM_014498	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 27333	CloneNo.: 242323F4
Isotype: IgG	UNIPROT ID: O00461	
Immunogen Catalog Number: AG34962	Full Name: golgi integral membrane protein 4	
	Calculated MW: 82 kDa	
	Observed MW: 130-140 kDa	

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.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

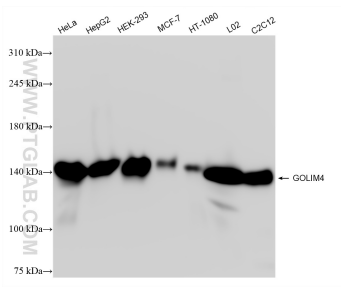
T: 4006900926

E: Proteintech-CN@ptglab.com

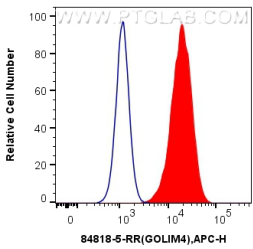
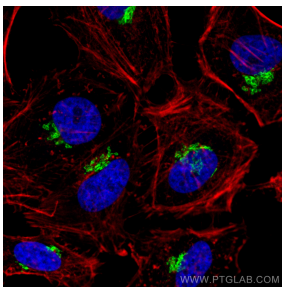
W: ptgcn.com

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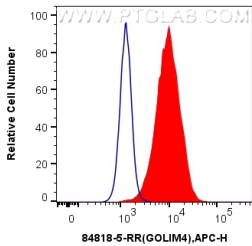
Selected Validation Data



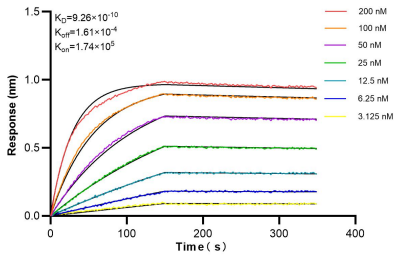
Various lysates were subjected to SDS PAGE followed by western blot with 84818-5-RR (GOLIM4 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84818-5-PBS in a different storage buffer formulation.



1x10⁶ U-2 OS 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. This data was developed using the same antibody clone with 84818-5-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 84818-5-PBS in a different storage buffer formulation.



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