

For Research Use Only

UGCGL1 Monoclonal antibody, PBS Only



Catalog Number: 68462-1-PBS

Basic Information

Catalog Number: 68462-1-PBS	GenBank Accession Number: BC041098	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 56886	CloneNo.: 3E8G10
Source: Mouse	UNIPROT ID: Q9NYU2	
Isotype: IgG2b	Full Name: UDP-glucose ceramide glucosyltransferase-like 1	
Immunogen Catalog Number: AG5940	Calculated MW: 1531 aa, 175 kDa	
	Observed MW: 170 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human

Background Information

UDP-glucose:glycoprotein glucosyltransferase 1 (UGCGL1) is a central quality control gatekeeper in the mammalian endoplasmic reticulum (ER) and serves as a folding sensor in the calnexin/calreticulin glycoprotein quality control cycle (PMID: 28425917). UGCGL1 acts as a checkpoint in the quality control of the MHC class I antigen presentation pathway (PMID: 21383159). Western blot analysis detected UGCGL1 at an apparent molecular mass of 170 kDa.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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

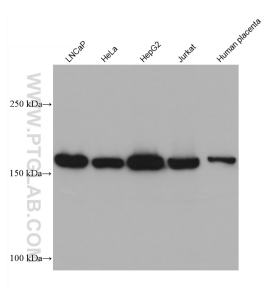
T: 4006900926

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



Various lysates were subjected to SDS PAGE followed by western blot with 68462-1-Ig (UGCL1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68462-1-PBS in a different storage buffer formulation.