

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

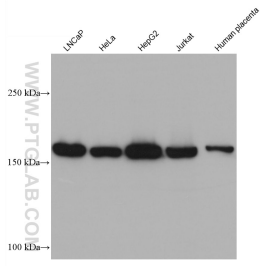
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68462-1-Ig (UGCGL1 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.