

For Research Use Only

HERPUD2 Monoclonal antibody

Catalog Number: 68427-1-Ig



Basic Information

Catalog Number: 68427-1-Ig	GenBank Accession Number: BC005091	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 64224	CloneNo.: 1H10H1
Source: Mouse	UNIPROT ID: Q9BSE4	Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:200-1:800
Isotype: IgG3	Full Name: HERPUD family member 2	
Immunogen Catalog Number: AG15007	Calculated MW: 406 aa, 45 kDa	
	Observed MW: 35-45 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: Human	WB : NCI-H1299 cells, L02 clls, HepG2 cells, A549 cells, HT-29 cells, LNCaP cells, K-562 cells
	IF/ICC : HepG2 cells,

Background Information

HERPUD2, also named as Homocysteine-responsive endoplasmic reticulum-resident ubiquitin-like domain member 2 protein, is a 406 amino acid protein, which contains one ubiquitin-like domain. HERPUD2 as a single-pass membrane protein could be involved in the unfolded protein response (UPR) pathway. HERPUD2 may exist as two isoforms 406aa, 45 kDa and 297aa 33 kDa (Genebank: EAW94050).

Storage

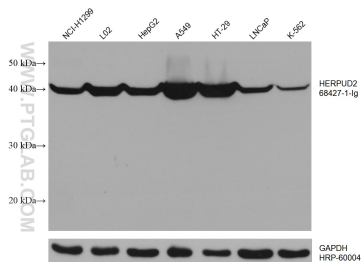
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

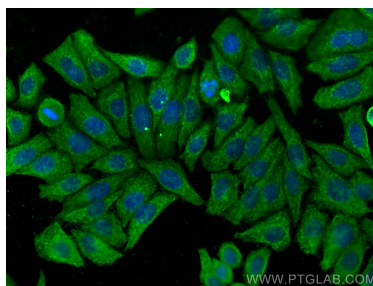
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 68427-1-Ig (HERPUD2 antibody) at dilution of 1:40000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using HERPUD2 antibody (68427-1-Ig, Clone: 1H10H1) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L).