

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: 1000 µg/ml	GeneID (NCBI): 64224	CloneNo.: 1H10H1
Source: Mouse	UNIPROT ID: Q9BSE4	Recommended Dilutions: WB 1:5000-1:50000 IF 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 : 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

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

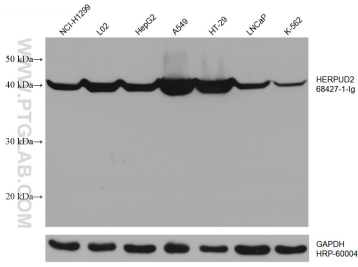
T: 4006900926

E: Proteintech-CN@ptglab.com

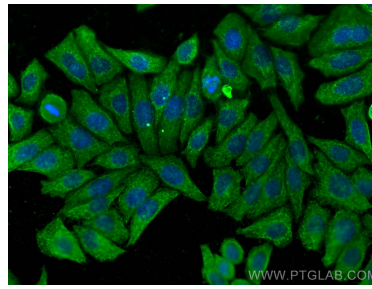
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Selected Validation Data



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 AffiniPure Goat Anti-Mouse IgG(H+L).