

For Research Use Only

# HERPUD2 Monoclonal antibody, PBS Only



Catalog Number: 68427-1-PBS

## Basic Information

Catalog Number: 68427-1-PBS	GenBank Accession Number: BC005091	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 64224	CloneNo.: 1H10H1
Source: Mouse	UNIPROT ID: Q9BSE4	
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, Indirect ELISA, IF

Species Specificity:  
Human

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

Storage Buffer:  
PBS Only

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

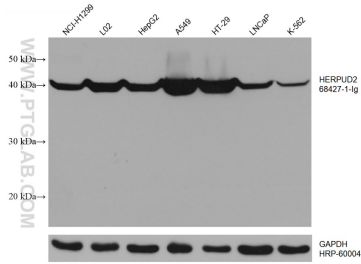
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

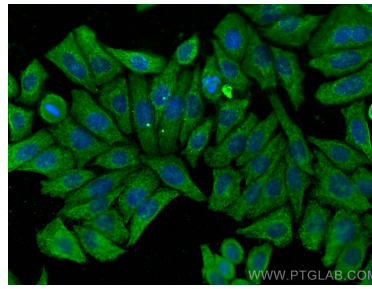
W: [ptgcn.com](http://ptgcn.com)

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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. This data was developed using the same antibody clone with 68427-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 68427-1-PBS in a different storage buffer formulation.