

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 µg/ml by Nanodrop; | 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, 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

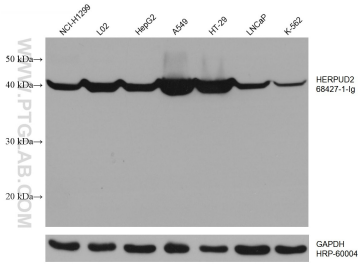
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

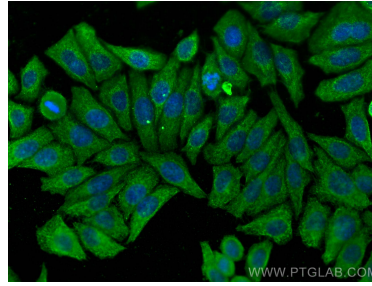
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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