

HERPUD2 Monoclonal antibody

Catalog Number: 68427-1-Ig

Basic Information

Catalog Number:

68427-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG3

Immunogen Catalog Number:

AG15007

GenBank Accession Number:

BC005091

GeneID (NCBI):

64224

UNIPROT ID:

Q9BSE4

Full Name:

HERPUD family member 2

Calculated MW:

406 aa, 45 kDa

Observed MW:

35-45 kDa

Purification Method:

Protein A purification

CloneNo.:

1H10H1

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

Human

Positive Controls:

WB : NCI-H1299 cells, L02 cells, 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:

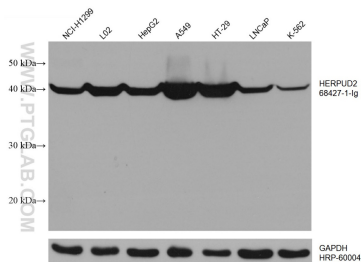
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

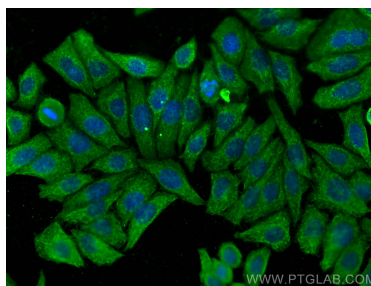
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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).