For Research Use Only

ERGIC3 Monoclonal antibody

Catalog Number:68398-1-Ig

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Basic Information

Catalog Number:
68398-1-Ig

Size:
150ul , Concentration: 1000 ug/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG9190

GenBank Accession Number:
BC009765

GeneID (NCBI):
51614

UNIPROT ID:
Q9Y282

Full Name:
ERGIC and golgi 3

Calculated MW:
383 aa, 43 kDa

Observed MW:
50 kDa

Purification Method:
Protein G purification

CloneNo.:
1B9F11

Recommended Dilutions:
WB 1:5000-1:50000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human, mouse, rat

Positive Controls:

WB : NCI-H1299 cells, HepG2 cells, Calu-3 cells, U2OS cells, LNCaP cells, HeLa cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells

Background Information

ERGIC3 (Endoplasmic reticulum-Golgi intermediate compartment protein 3) is located in the cis face of the Golgi apparatus and vesicular tubular structures between the transitional endoplasmic reticulum (ER) and cis-Golgi. ERGIC3 significantly affects cell growth and causes ER stress-induced cell death, and is involved in the invasion and metastasis in hepatocellular carcinomas (HCC). (PMID: 26177443, PMID: 31142615)

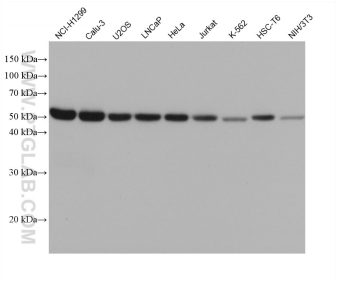
Storage

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

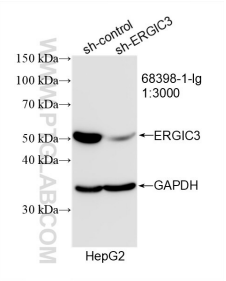
***** 20ul sizes contain 0.1% BSA**

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68398-1-Ig (ERGIC3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



WB result of ERGIC3 antibody (68398-1-Ig; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-ERGIC3 transfected HepG2 cells.