For Research Use Only

ZNHIT3 Monoclonal antibody, PBS Only

Antibodies | ELISA kits | Proteins
www.ptglab.com

Catalog Number:68331-1-PBS

Basic Information

Catalog Number:
68331-1-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG2b

Immunogen Catalog Number:
AG29872

GenBank Accession Number:
BC017931

GeneID (NCBI):
9326

UNIPROT ID:
Q15649

Full Name:
zinc finger, HIT type 3

Calculated MW:
155 aa, 18 kDa

Observed MW:
18 kDa

Purification Method:
Protein A purification

CloneNo.:
1C7A3

Applications

Tested Applications:
WB, IF, Indirect ELISA

Species Specificity:
Human

Background Information

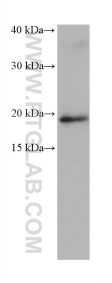
ZNHIT3, also named TRIP3, belongs to the zinc finger HIT (Zf-HIT) domain-containing proteins family. ZNHIT3 encodes a nuclear zinc finger protein previously implicated in transcriptional regulation and small nucleolar ribonucleoprotein particle assembly and thus possibly to pre-ribosomal RNA processing (PMID: 28335020). ZNHIT3 contains at least two domains: a ZN-HIT domain that consists of a double zinc-finger, probably involved in protein–protein interaction, and a PAC-HIT domain that folds into a clamp able to trap an α-helix, here again of about 20 residues, located in the sequence of NUFIP1 (PMID: 35315277). ZNHIT3 has 2 isoforms produced by alternative splicing.

Storage

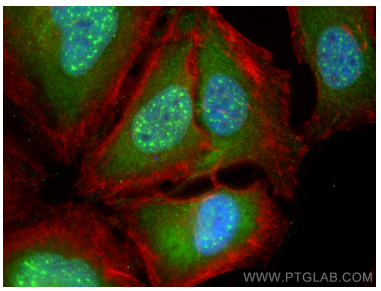
Storage:
Store at -80°C.
Storage Buffer:
PBS Only

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



hTERT-RPE1 cells were subjected to SDS PAGE followed by western blot with 68331-1-Ig (ZNHIT3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68331-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using ZNHIT3 antibody (68331-1-Ig, Clone: 1C7A3) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red). This data was developed using the same antibody clone with 68331-1-PBS in a different storage buffer formulation.