

ZNHIT3 Monoclonal antibody

Catalog Number: 68331-1-Ig

Basic Information

Catalog Number:

68331-1-Ig

Size:

1000 µg/ml

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

Recommended Dilutions:

WB 1:1000-1:6000

IF/ICC 1:400-1:1600

Applications

Tested Applications:

IF/ICC, WB, ELISA

Species Specificity:

Human

Positive Controls:**WB** : hTERT-RPE1 cells, Jurkat cells, T-47D cells, MOLT-4 cells**IF/ICC** : HeLa cells,

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 -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

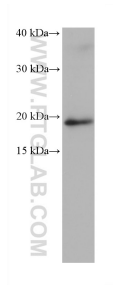
For technical support and original validation data for this product please contact:

T: 4006900926

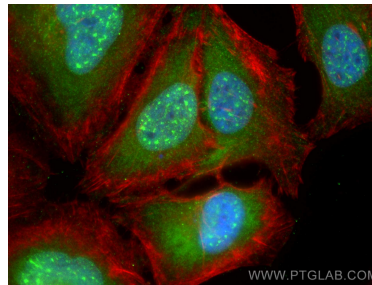
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Selected Validation Data



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.



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).