

For Research Use Only

ZNHIT3 Monoclonal antibody

Catalog Number: 68331-1-Ig



Basic Information

Catalog Number: 68331-1-Ig	GenBank Accession Number: BC017931	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 9326	CloneNo.: 1C7A3
Source: Mouse	UNIPROT ID: Q15649	Recommended Dilutions: WB 1:1000-1:6000 IF/ICC 1:400-1:1600
Isotype: IgG2b	Full Name: zinc finger, HIT type 3	
Immunogen Catalog Number: AG29872	Calculated MW: 155 aa, 18 kDa	
	Observed MW: 18 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: Human	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

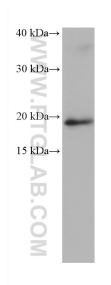
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

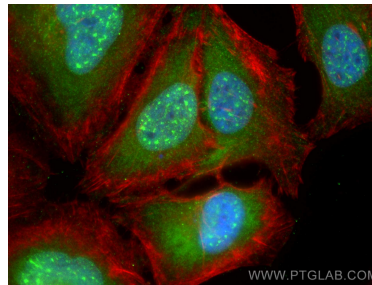
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



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).