

For Research Use Only

# ZNHIT1 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number:87390-1-PBS



## Basic Information

<b>Catalog Number:</b> 87390-1-PBS	<b>GenBank Accession Number:</b> BC017333	<b>Purification Method:</b> Protein A purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 10467	<b>CloneNo.:</b> 252815C11
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> O43257	
<b>Immunogen Catalog Number:</b> AG9741	<b>Full Name:</b> zinc finger, HIT type 1	
	<b>Calculated MW:</b> 154 aa, 18 kDa	
	<b>Observed MW:</b> 18 kDa	

## Applications

**Tested Applications:**  
WB, Cytometric bead array, Indirect ELISA

**Species Specificity:**  
human, rat

## Background Information

ZNHIT1(Zinc finger HIT domain containing protein 1), also named CGBP1 (Cyclin G1 binding protein 1), is a subunit of the SNF-2 related CBP activator protein (SRCAP) complex, which can remodel chromatin by incorporating the histone variant H2A.Z into nucleosomes(PMID: 15647280). ZNHIT1 also can bind to myogenin promoter and mediate H2A.Z incorporation for its expression(PMID: 20473270). ZNHIT1 overexpression induces apoptosis and represses proliferation and invasion of breast cancer cells(PMID: 30928405).

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS only, pH7.3

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

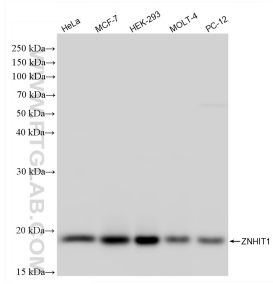
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

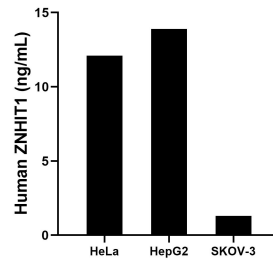
W: [ptgcn.com](http://ptgcn.com)

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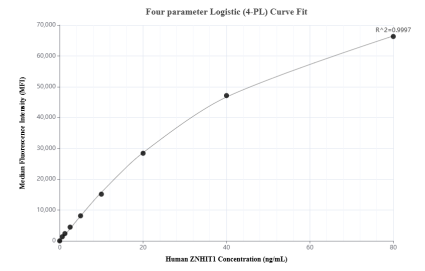
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87390-1-RR (ZNHIT1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87390-1-PBS in a different storage buffer formulation.



The mean ZNHIT1 concentration was determined to be 12.1 ng/mL in HeLa cell extract based on a 1.2 mg/mL extract load, 13.9 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load, 1.3 ng/mL in SKOV-3 cell extract based on a 1.1 mg/mL extract load.



Cytometric bead array standard curve of MP03003-1, ZNHIT1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87390-1-PBS. Detection antibody: 87390-2-PBS. Standard: Ag9741. Range: 0.625-80 ng/mL.