

For Research Use Only

# ZC3H8 Monoclonal antibody, PBS Only



Catalog Number: 68282-1-PBS

## Basic Information

<b>Catalog Number:</b> 68282-1-PBS	<b>GenBank Accession Number:</b> BC032001	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ug , Concentration: 1mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 84524	<b>CloneNo.:</b> 1G8C6
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q8N5P1	
<b>Isotype:</b> IgG1	<b>Full Name:</b> zinc finger CCCH-type containing 8	
<b>Immunogen Catalog Number:</b> AG23496	<b>Observed MW:</b> 36 kDa	

## Applications

**Tested Applications:**  
Indirect ELISA, WB

**Species Specificity:**  
human

## Background Information

ZC3H8, also named as Fliz1, is a novel zinc finger protein preferentially expressed in fetal liver hematopoietic progenitors and in several adult organs, including the thymus. It acts as a transcriptional repressor of the GATA3 promoter. Sequence-specific DNA-binding factor that binds to the 5'-AGGTCTC-3' sequence within the negative cis-acting element intronic regulatory region (IRR) of the GATA3 gene. Overexpression of Fliz1 repressed the expression of GATA-3 in vivo and in vitro. GATA-3 might be partly regulated by the intronic regulatory region and Fliz1 in a developmental stage-specific fashion (PMID: 23932780).

## Storage

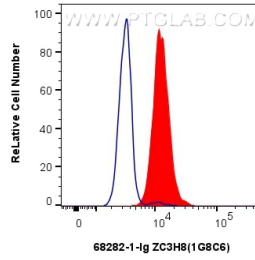
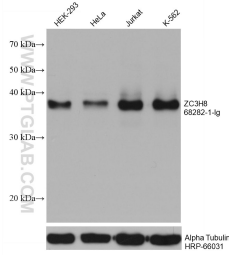
**Storage:**  
Store at -80°C.

**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

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68282-1-Ig (ZC3H8 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control. This data was developed using the same antibody clone with 68282-1-PBS in a different storage buffer formulation.

$1 \times 10^6$  HEK-293 cells were intracellularly stained with 0.4 ug ZC3H8 Monoclonal antibody (68282-1-Ig, Clone:1G8C6) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1)(red), or 0.4 ug Mouse IgG1 isotype control Mouse McAb (66360-1-Ig, Clone: 1F8D3) (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set. This data was developed using the same antibody clone with 68282-1-PBS in a different storage buffer

