

For Research Use Only

# ZC3H8 Monoclonal antibody

Catalog Number: 68282-1-Ig



## Basic Information

<b>Catalog Number:</b> 68282-1-Ig	<b>GenBank Accession Number:</b> BC032001	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 84524	<b>CloneNo.:</b> 1G8C6
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q8N5P1	<b>Recommended Dilutions:</b> WB 1:2000-1:10000
<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

<b>Tested Applications:</b> WB, FC (Intra), ELISA	<b>Positive Controls:</b> WB : HEK-293 cells, LNCaP cells, HeLa cells, Jurkat cells, K-562 cells
<b>Species Specificity:</b> 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 -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

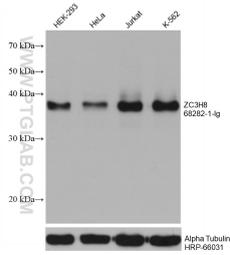
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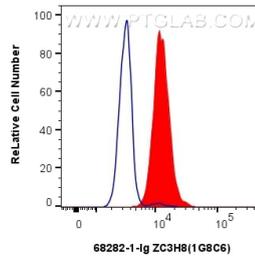
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## Selected Validation Data



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.



$1 \times 10^6$  HEK-293 cells were intracellularly stained with 0.4  $\mu$ g ZC3H8 Monoclonal antibody (68282-1-Ig, Clone:1G8C6) and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1)(red), or 0.4  $\mu$ g Mouse IgG1 isotype control Mouse McAb (66360-1-Ig, Clone:1F8D3) (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set.