

For Research Use Only

ZC3H8 Monoclonal antibody

Catalog Number: 68282-1-Ig



Basic Information

Catalog Number: 68282-1-Ig	GenBank Accession Number: BC032001	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 84524	CloneNo.: 1G8C6
Source: Mouse	UNIPROT ID: Q8N5P1	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG1	Full Name: zinc finger CCCH-type containing 8	
Immunogen Catalog Number: AG23496	Observed MW: 36 kDa	

Applications

Tested Applications: WB, FC (Intra), ELISA	Positive Controls: WB : HEK-293 cells, LNCaP cells, HeLa cells, Jurkat cells, K-562 cells
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

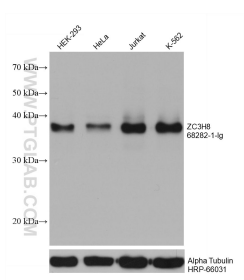
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

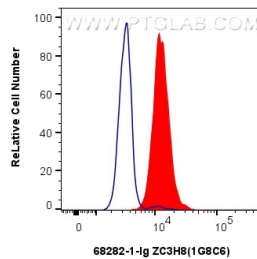
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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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.



1×10^6 HEK-293 cells were intracellularly stained with 0.4 ug ZC3H8 Monoclonal antibody (68282-1-Ig, Clone:1G8C6) and CoraLite®488-Conjugated 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.