

For Research Use Only

ZC3H8 Monoclonal antibody, PBS Only



Catalog Number: 68282-1-PBS

Basic Information

Catalog Number: 68282-1-PBS	GenBank Accession Number: BC032001	Purification Method: Protein G purification
Size: 1mg/ml	GeneID (NCBI): 84524	CloneNo.: 1G8C6
Source: Mouse	UNIPROT ID: Q8N5P1	
Isotype: IgG1	Full Name: zinc finger CCCH-type containing 8	
Immunogen Catalog Number: AG23496	Observed MW: 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.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

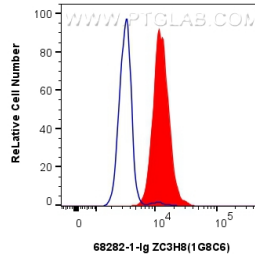
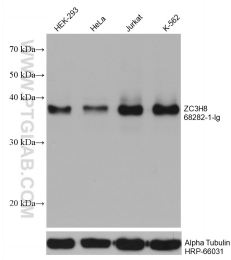
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.

1x10⁶ 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

