

ZC3H8 Monoclonal antibody

Catalog Number: **68282-1-Ig**

Basic Information

Catalog Number:

68282-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG23496

GenBank Accession Number:

BC032001

GeneID (NCBI):

84524

UNIPROT ID:

Q8N5P1

Full Name:

zinc finger CCCH-type containing 8

Observed MW:

36 kDa

Purification Method:

Protein G purification

CloneNo.:

1G8C6

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, FC (Intra), ELISA

Species Specificity:

human

Positive Controls:

WB : HEK-293 cells, LNCaP cells, HeLa cells, Jurkat cells, K-562 cells

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:

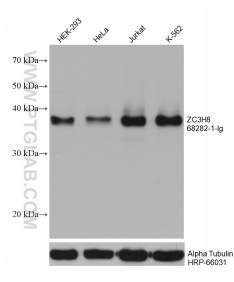
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

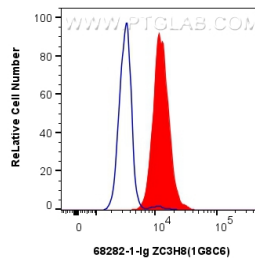
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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 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.