

ZFP64 Recombinant antibody

Catalog Number: 83825-3-RR

Basic Information

Catalog Number:

83825-3-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10971

GenBank Accession Number:

BC041622

GeneID (NCBI):

55734

UNIPROT ID:

Q9NTW7

Full Name:

zinc finger protein 64 homolog
(mouse)

Calculated MW:

681 aa, 75 kDa

Observed MW:

70 kDa

Purification Method:

Protein A purification

CloneNo.:

240847F9

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : K-562 cells, Jurkat cells, MKN-45 cells

Background Information

ZFP64 (also known as ZNF338) is a member of the Krüppel C2H2-type zinc finger family. ZFP64 is a coactivator of Notch1, mediating mesenchymal cell differentiation. ZFP64 expression was up-regulated in mouse peritoneal macrophages in response to stimulation with the TLR4 ligand LPS with a 2-fold increase. The MLL gene encoding the MLL fusion protein is easily activated by ZFP64. ZFP64 is essential for the continuous production of MLL fusion proteins in blood cancer and produces more cancer cells. Since ZFP64 deletion completely and specifically inhibits MLL fusion protein production and leukemia cascade growth, it is an ideal drug target.

Storage

Storage:

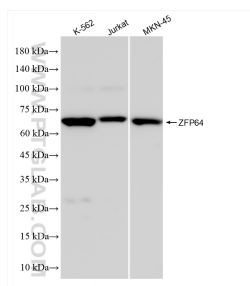
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

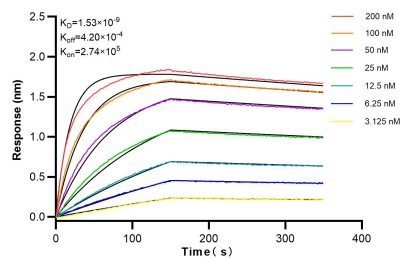
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83825-3-RR (ZFP64 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 83825-3-RR against Human ZFP64 were performed. The affinity constant is 1.53 nM.