

For Research Use Only

ZFP64 Recombinant antibody

Catalog Number: 83825-3-RR



Basic Information

Catalog Number: 83825-3-RR	GenBank Accession Number: BC041622	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 55734	CloneNo.: 240847F9
Source: Rabbit	UNIPROT ID: Q9NTW7	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: zinc finger protein 64 homolog (mouse)	
Immunogen Catalog Number: AG10971	Calculated MW: 681 aa, 75 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : K-562 cells, Jurkat cells, MKN-45 cells
Species Specificity: human	

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

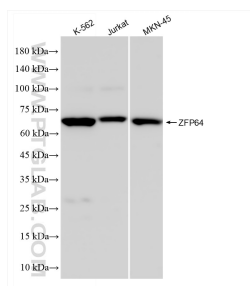
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

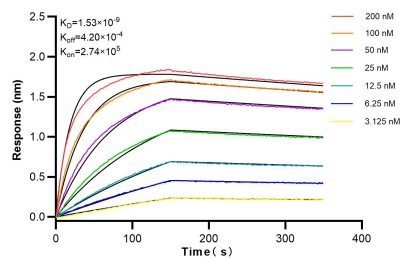
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech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