

For Research Use Only

ZC3H12D Recombinant antibody

Catalog Number: 83507-2-RR



Basic Information

Catalog Number: 83507-2-RR	GenBank Accession Number: BC157832	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 340152	CloneNo.: 240464C5
Source: Rabbit	UNIPROT ID: A2A288	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG	Full Name: zinc finger CCCH-type containing 12D	
Immunogen Catalog Number: AG21770	Calculated MW: 527 aa, 58 kDa	
	Observed MW: 55-58 kDa	

Applications

Tested Applications: WB, FC (Intra), ELISA	Positive Controls: WB : Raji cells,
Species Specificity: human	

Background Information

ZC3H12D, also named as MCP induced protein 4, is a 527 amino acid protein, which contains one C3H1-type zinc finger and belongs to the ZC3H12 family. ZC3H12D exists as three isoforms and localizes in the cytoplasm. ZC3H12D may regulate cell growth likely by suppressing RB1 phosphorylation and serves as a tumor suppressor in certain leukemia cells. ZC3H12D is expressed in normal human lymphocytes but defective in some leukemia/lymphoma cell lines.

Storage

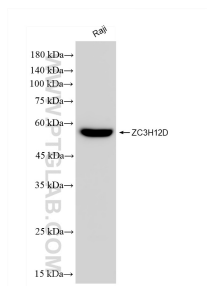
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

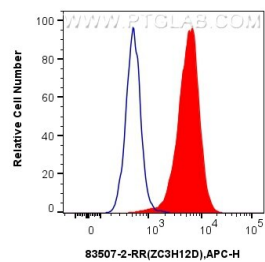
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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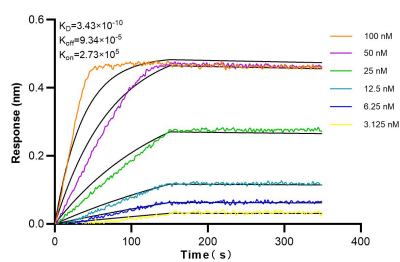
Selected Validation Data



Raji cells were subjected to SDS PAGE followed by western blot with 83507-2-RR (ZC3H12D antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



1x10⁶ HeLa cells were intracellularly stained with 0.25 ug ZC3H12D Recombinant antibody (83507-2-RR, Clone:240464C5) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Biolayer interferometry (BLI) kinetic assays of 83507-2-RR against Human ZC3H12D were performed. The affinity constant is 0.343 nM.