

For Research Use Only

BCL11B Recombinant antibody, PBS Only

Catalog Number: 85363-1-PBS



Basic Information

Catalog Number: 85363-1-PBS	GenBank Accession Number: NM_022898	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 64919	CloneNo.: 242683B9
Source: Rabbit	UNIPROT ID: Q9C0K0	
Isotype: IgG	Full Name: B-cell CLL/lymphoma 11B (zinc finger protein)	
	Calculated MW: 96 kDa	
	Observed MW: 116 kDa	

Applications

Tested Applications:
WB, IF/ICC, FC (Intra), Indirect ELISA

Species Specificity:
human

Background Information

BCL11B, also named CTIP2, RIT1, CTIP-2, ZNF856B, and hRIT1-alpha, is a tumor-suppressor protein involved in T-cell lymphomas. It may function on the P53-signaling pathway. BCL11B is a key regulator of both differentiation and survival during thymocyte development. It depresses transcription through direct, TFCOUP2-independent binding to a GC-rich response element. This antibody is specific to BCL11B. The calculated molecular weight of BCL11B is 95 kDa but the modified BCL11B protein is about 116 kDa.

Storage

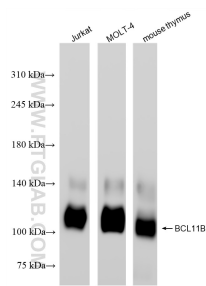
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

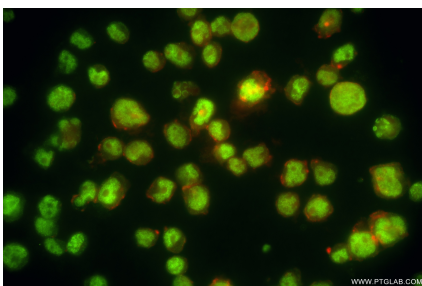
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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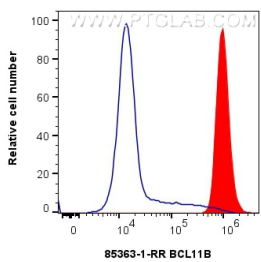
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85363-1-RR (BCL11B antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85363-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using BCL11B antibody (85363-1-RR, Clone: 242683B9) at dilution of 1:200 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 85363-1-PBS in a different storage buffer formulation.



1x10⁶ Jurkat cells were intracellularly stained with 0.25 ug BCL11B Recombinant antibody (85363-1-RR, Clone:242683B9) and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 85363-1-PBS in a different storage