

# CoraLite® Plus 488-conjugated BCL11B Recombinant monoclonal antibody

Catalog Number: CL488-85363

## Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL488-85363	NM_022898	Protein A purification
Size:	GenID (NCBI):	CloneNo.:
100ul, Concentration: 1000 ug/ml by Nanodrop;	64919	242683B9
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	Q9COK0	IF/ICC: 1:50-1:500
Isotype:	Full Name:	Excitation/Emission maxima
IgG	B-cell CLL/lymphoma 11B (zinc finger protein)	wavelengths: 493 nm / 522 nm
	Calculated MW:	
	96 kDa	
	Observed MW:	
	116 kDa	

## Applications

Tested Applications:	Positive Controls:
IF/ICC	IF/ICC : Jurkat cells,
Species Specificity:	
human	

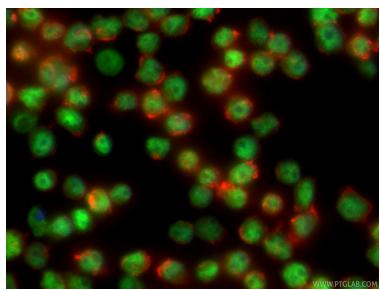
## Background Information

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 -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using CoralLite® Plus 488 BCL11B antibody (CL488-85363, Clone: 242683B9) at dilution of 1:200, CL594-phalloidin (red).