

For Research Use Only

# CoraLite® Plus 488-conjugated BCL11B

## Recombinant monoclonal antibody

Catalog Number: CL488-85363



### Basic Information

<b>Catalog Number:</b> CL488-85363	<b>GenBank Accession Number:</b> NM_022898	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 64919	<b>CloneNo.:</b> 242683B9
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9C0K0	<b>Recommended Dilutions:</b> IF/ICC: 1:50-1:500
<b>Isotype:</b> IgG	<b>Full Name:</b> B-cell CLL/lymphoma 11B (zinc finger protein)	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
	<b>Calculated MW:</b> 96 kDa	
	<b>Observed MW:</b> 116 kDa	

### Applications

<b>Tested Applications:</b> IF/ICC	<b>Positive Controls:</b> IF/ICC : Jurkat cells,
<b>Species Specificity:</b> 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, TFCEP2-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

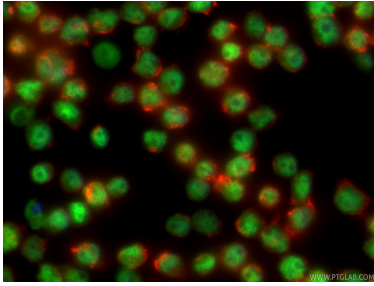
**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

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](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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## Selected Validation Data



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