

For Research Use Only

# CoraLite®594-conjugated BCL2 Recombinant antibody



Catalog Number:CL594-80313

## Basic Information

<b>Catalog Number:</b> CL594-80313	<b>GenBank Accession Number:</b> BC027258	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 596	<b>CloneNo.:</b> 305
<b>Source:</b> Rabbit	<b>Full Name:</b> B-cell CLL/Lymphoma 2	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 26 kDa	<b>Excitation/Emission maxima wavelengths:</b> 594 nm / 615 nm
<b>Immunogen Catalog Number:</b> AG3508	<b>Observed MW:</b> 26 kDa	

## Applications

### Tested Applications:

FC (Intra), IF

### Species Specificity:

Human

### Positive Controls:

IF : human appendicitis tissue,

## Background Information

BCL2 belongs to the Bcl-2 family. It suppresses apoptosis in a variety of cell systems including factor-dependent lymphohematopoietic and neural cells. BCL2 regulates cell death by controlling the mitochondrial membrane permeability (PMID: 10365962). It appears to function in a feedback loop system with caspases. BCL2 inhibits caspase activity either by preventing the release of cytochrome c from the mitochondria and/or by binding to the apoptosis-activating factor (APAF-1) (PMID: 10444588).

## 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, pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

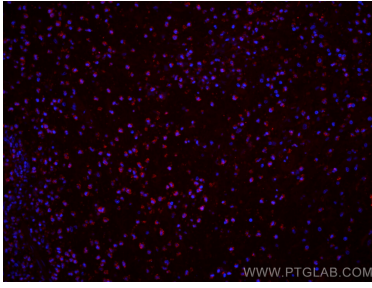
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
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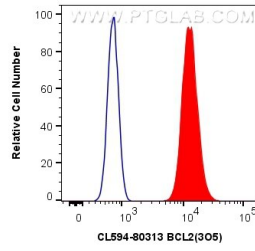
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human appendicitis tissue using CoraLite®594 BCL2 antibody (CL594-80313, Clone: 305) at dilution of 1:200.



1X10<sup>6</sup> Jurkat cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human BCL2 (CL594-80313, Clone:305) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).