

For Research Use Only

# CoraLite® Plus 488-conjugated Bcl-XL Polyclonal antibody



Catalog Number:CL488-26967

## Basic Information

<b>Catalog Number:</b> CL488-26967	<b>GenBank Accession Number:</b> BC019307	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 598	<b>Excitation/Emission maxima wavelengths:</b> 488 nm / 515 nm
<b>Source:</b> Rabbit	<b>Full Name:</b> BCL2-like 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 26 kDa	
<b>Immunogen Catalog Number:</b> AG25604	<b>Observed MW:</b> 30 kDa	

## Applications

**Tested Applications:**  
FC (Intra)

**Species Specificity:**  
human, mouse

## Background Information

BCL2L1 is a member of the BCL-2 protein family. BCL2L1 is expressed as three isoforms, Bcl-X(L), Bcl-X(s) and Bcl-X(beta), and is located at the outer mitochondrial membrane. The Bcl-XL isoform is a 233 amino acid protein, acting as an apoptotic inhibitor. Bcl-XL can form heterodimers with BAX, BAK or BCL2, and the heterodimerization with BAX does not seem to be required for anti-apoptotic activity. The Bcl-XS isoform is a shorter variant that is 178 amino acids in length and lacks a 63 amino acid region (amino acids 126-188), acting as an apoptotic activator. This antibody can recognize Bcl-XL, Bcl-XS and Bcl-X(Beta).

## 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.

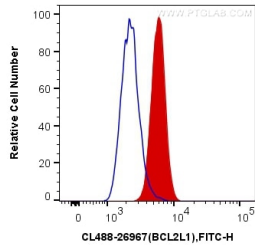
Aliquoting is unnecessary for -20°C storage

\*\*\* 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 in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



1X10<sup>6</sup> Jurkat cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human Bcl-XL (CL488-26967) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).