

For Research Use Only

CoraLite®555-conjugated BCL2 Recombinant antibody



Catalog Number:CL555-80313

Basic Information

Catalog Number: CL555-80313	GenBank Accession Number: BC027258	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 596	CloneNo.: 305
Source: Rabbit	Full Name: B-cell CLL/Lymphoma 2	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG	Calculated MW: 26 kDa	Excitation/Emission maxima wavelengths: 554 nm / 570 nm
Immunogen Catalog Number: AG3508	Observed MW: 26 kDa	

Applications

Tested Applications: FC (Intra), IF	Positive Controls: IF : human appendicitis tissue,
Species Specificity: Human	

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

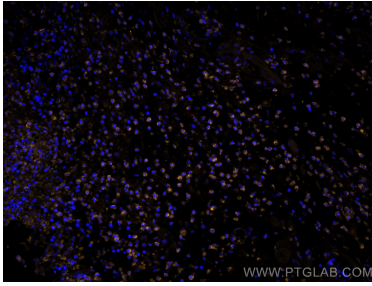
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

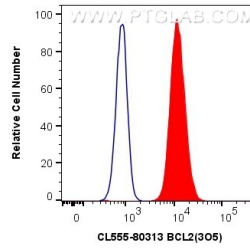
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human appendicitis tissue using CoraLite®555 BCL2 antibody (CL555-80313, Clone: 305) at dilution of 1:200.



1X10⁶ Jurkat cells were intracellularly stained with 0.4 ug CoraLite®555 Anti-Human BCL2 (CL555-80313, Clone:305) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).