

For Research Use Only

CoraLite® Plus 647-conjugated BCL2 Recombinant antibody



Catalog Number:CL647-80313

Basic Information

Catalog Number: CL647-80313	GenBank Accession Number: BC027258	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 596	CloneNo.: 305
Source: Rabbit	UNIPROT ID: P10415	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG	Full Name: B-cell CLL/lymphoma 2	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Immunogen Catalog Number: AG3508	Calculated MW: 26 kDa	
	Observed MW: 26 kDa	

Applications

Tested Applications: FC (Intra), IF-P	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

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

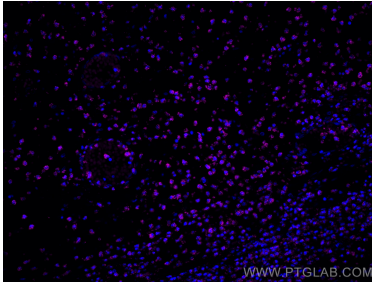
T: 4006900926

E: Proteintech-CN@ptglab.com

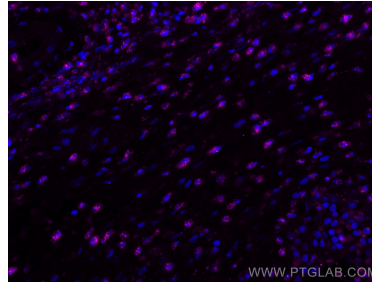
W: ptgcn.com

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

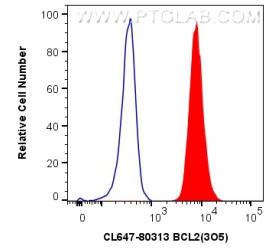
Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human appendicitis tissue using CoraLite® Plus 647 BCL2 antibody (CL647-80313, Clone: 3O5) at dilution of 1:200.



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1×10^6 Jurkat cells were intracellularly stained with 0.4 ug CoraLite® Plus 647 Anti-Human BCL2 (CL647-80313, Clone:3O5) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).