

For Research Use Only

CoraLite® Plus 647-conjugated Bcl-XL Monoclonal antibody



Catalog Number:CL647-66020

Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL647-66020	BC019307	Protein A purification
Size:	GeneID (NCBI):	CloneNo.:
100ul , Concentration: 1000 µg/ml by Nanodrop;	598	4C12A6
Source:	UNIPROT ID:	Excitation/Emission maxima wavelengths:
Mouse	Q07817	654 nm / 674 nm
Isotype:	Full Name:	
IgG2b	BCL2-like 1	
Immunogen Catalog Number:	Calculated MW:	
AG18037	26 kDa	
	Observed MW:	
	30 kDa	

Applications

Tested Applications:
FC (Intra)
Species Specificity:
human, mouse, rat

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.

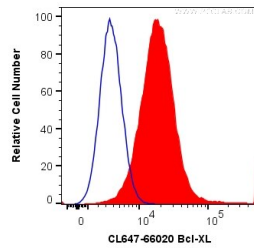
Storage

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: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ HeLa cells were intracellularly stained with 0.2 ug CoraLite® Plus 647 Anti-Human Bcl-XL (CL647-66020, Clone:4C12A6) (red), or 0.2 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).