

For Research Use Only

CoraLite®594-conjugated Bcl-XL Monoclonal antibody

Catalog Number:CL594-66020



Basic Information

Catalog Number:

CL594-66020

GenBank Accession Number:

BC019307

Purification Method:

Protein A purification

Size:

100ul , Concentration: 1000 ug/ml by 598

GeneID (NCBI):

598

CloneNo.:

4C12A6

Nanodrop;

UNIPROT ID:

Q07817

Recommended Dilutions:

IF/ICC 1:50-1:500

Source:

Mouse

Full Name:

BCL2-like 1

Excitation/Emission maxima wavelengths:

588 nm / 604 nm

Isotype:

IgG2b

Calculated MW:

26 kDa

Immunogen Catalog Number:

AG18037

Applications

Tested Applications:

IF/ICC, FC (Intra)

Positive Controls:

IF/ICC : HeLa cells, MDCK cells

Species Specificity:

human, canine

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:

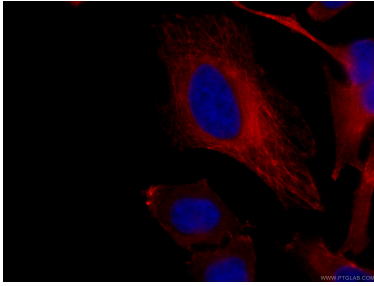
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

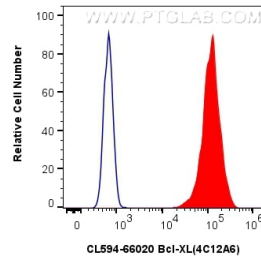
W: ptglab.com

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CL594-66020 (Bcl-XL antibody) at dilution of 1:100.



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human Bcl-XL (CL594-66020, Clone:4C12A6) (red), or 0.4 ug . Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).