For Research Use Only

CoraLite®555-conjugated BCL2L1 Monoclonal antibody

Catalog Number:CL555-66020

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
CL555-66020

Source:
Mouse

Isotype:
IgG2b

Immunogen Catalog Number:
AG18037

GenBank Accession Number:
BC019307

GeneID (NCBI):
598

UNIPROT ID:
Q07817

Full Name:
BCL2-like 1

Calculated MW:
26 kDa

Observed MW:
30 kDa

Purification Method:
Protein A purification

CloneNo.:
4C12A6

Recommended Dilutions:
IF/ICC: 1:50-1:500
FC (Intra): 0.40 ug per 10^6 cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:
557 nm / 570 nm

Applications

Tested Applications:
IF/ICC, FC (Intra)

Species Specificity:
human, mouse, rat

Positive Controls:

IF/ICC : HeLa cells,

FC (Intra) : Jurkat cells,

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 forms 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.

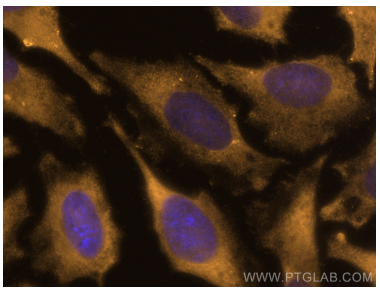
Storage

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, pH7.3
Aliquoting is unnecessary for -20°C storage

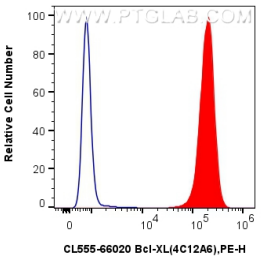
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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 (-20°C Ethanol) fixed HeLa cells using CoraLite®555 Bcl-XL antibody (CL555-66020, Clone: 4C12A6) at dilution of 1:200.



1X10^6 Jurkat cells were intracellularly stained with 0.4 ug CoraLite®555 Anti-Human Bcl-XL (CL555-66020, Clone:4C12A6) (red), or 0.4 ug CoraLite® Plus 555 Mouse IgG2b Isotype Control (MPC-11) (CL555-65128, Clone: MPC-11) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer.