For Research Use Only

CoraLite® Plus 647-conjugated BCL2 Monoclonal antibody

Catalog Number:CL647-60178 Featured Product

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
CL647-60178

Size:
100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG2b

Immunogen Catalog Number:
AG3508

GenBank Accession Number:
BC027258

GeneID (NCBI):
596

UNIPROT ID:
P10415

Full Name:
B-cell CLL/lymphoma 2

Calculated MW:
26 kDa

Observed MW:
26 kDa

Purification Method:
Protein A purification

CloneNo.:
4H8C6

Recommended Dilutions:
IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:
654 nm / 674 nm

Applications

Tested Applications:
IF/ICC, FC (Intra)

Species Specificity:
human, pig

Positive Controls:

IF/ICC : MCF-7 cells, HeLa cells

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. 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).

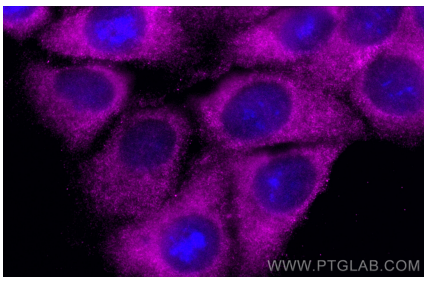
Storage

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

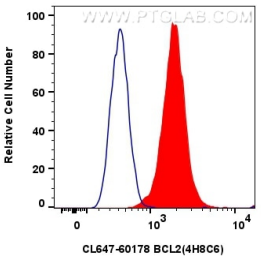
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 Methanol) fixed MCF-7 cells using CoraLite® Plus 647 BCL2 antibody (CL647-60178, Clone: 4H8C6) at dilution of 1:200.



1x10^6 human peripheral blood lymphocytes were intracellularly stained with 0.4 ug CoraLite® Plus 647-conjugated BCL2 Monoclonal antibody (CL647-60178, Clone:4H8C6)(red), or 0.4 ug CoraLite® Plus 647 Mouse IgG2b Isotype Control (MPC-11) (CL647-65128, Clone: MPC-11) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).