

CoraLite® Plus 488-conjugated BCL2 Recombinant antibody

Catalog Number: **CL488-80313**

Basic Information

Catalog Number:

CL488-80313

GenBank Accession Number:

BC027258

Purification Method:

Protein A purification

Size:

100ul , Concentration: 1000 µg/ml by
Nanodrop;

GeneID (NCBI):

596

CloneNo.:

305

Source:

Rabbit

UNIPROT ID:

P10415

**Excitation/Emission maxima
wavelengths:**

493 nm / 522 nm

Isotype:

IgG

Full Name:

B-cell CLL/lymphoma 2

Immunogen Catalog Number:

AG3508

Calculated MW:

26 kDa

Observed MW:

26 kDa

Applications

Tested Applications:

FC (Intra)

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

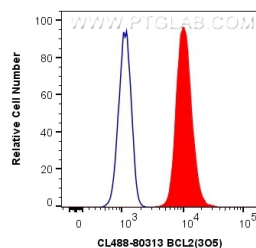
For technical support and original validation data for this product please contact:

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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 Jurkat cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human BCL2 (CL488-80313, Clone:305) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).