

For Research Use Only

BCL2 Recombinant antibody, PBS Only

Catalog Number: 80313-1-PBS



Basic Information

Catalog Number:

80313-1-PBS

Size:

100ug , Concentration: 1mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

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.:

305

Applications

Tested Applications:

WB, IHC, IF-P, Indirect ELISA

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 -80°C.

Storage Buffer:

PBS Only

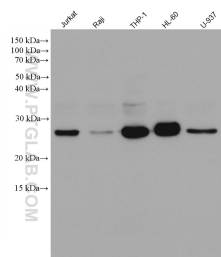
For technical support and original validation data for this product please contact:

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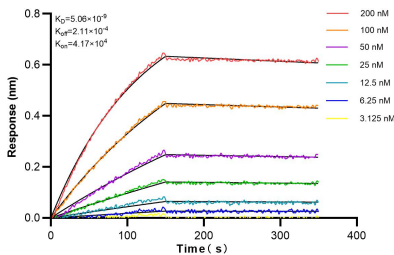
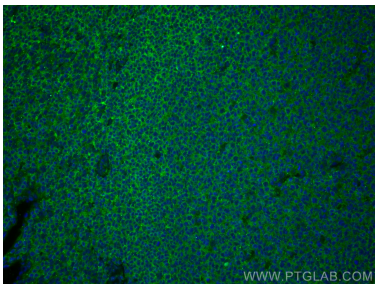
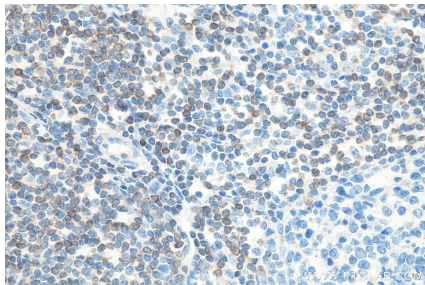
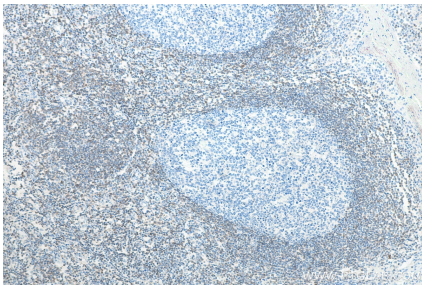
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 80313-1-RR (BCL2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 80313-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 80313-1-RR against Human BCL2 were performed. The affinity constant is 5.06 nM.