

For Research Use Only

BCL2 Monoclonal antibody, PBS Only (Capture)

Catalog Number: 60178-1-PBS

Featured Product



Basic Information

Catalog Number:

60178-1-PBS

Size:

100ug, Concentration: 1mg/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

Applications

Tested Applications:

IHC, IF/ICC, IF-P, IP, Cytometric bead array, Indirect ELISA

Species Specificity:

human, pig

Product Information

60178-1-PBS targets BCL2 as part of a matched antibody pair.

MP50290-2: 60178-1-PBS capture and 60178-2-PBS detection (validated in Cytometric bead array)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

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 -80°C.

Storage Buffer:

PBS Only

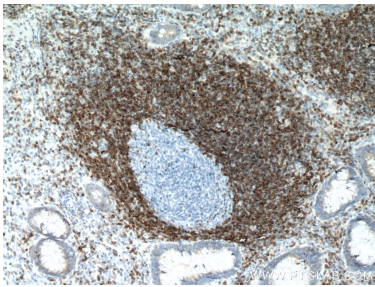
For technical support and original validation data for this product please contact:

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

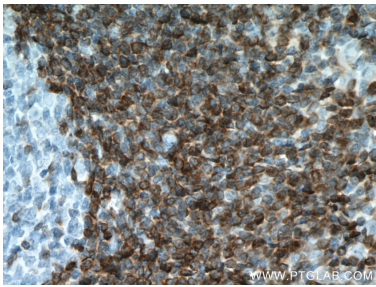
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

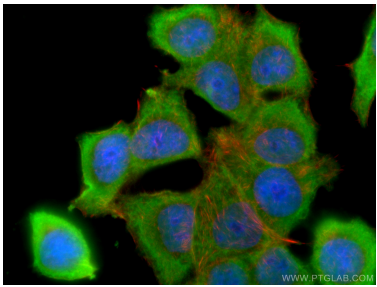
Selected Validation Data



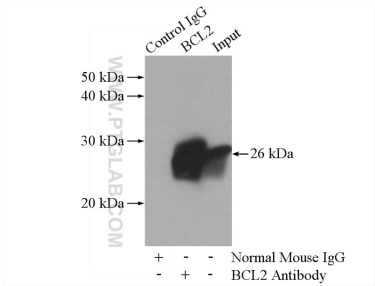
Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using 60178-1-Ig (BCL2 antibody) at dilution of 1:12800 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60178-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using 60178-1-Ig (BCL2 antibody) at dilution of 1:12800 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60178-1-PBS in a different storage buffer formulation.



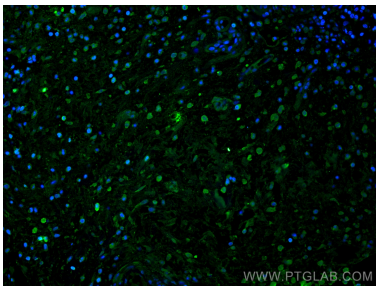
Immunofluorescent analysis of (-20°C Ethanol) fixed MCF-7 cells using BCL2 antibody (60178-1-Ig, Clone: 4H8C6) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 60178-1-PBS in a different storage buffer formulation.



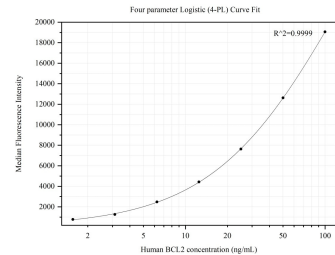
IP result of anti-BCL2 (IP:60178-1-Ig, 5ug; Detection:60178-1-Ig 1:1000) with U-937 cells lysate 4000ug. This data was developed using the same antibody clone with 60178-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 60178-1-Ig (BCL2 antibody) at dilution of 1:10000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60178-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed human appendicitis tissue using BCL2 antibody (60178-1-Ig, Clone: 4H8C6) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 60178-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP50290-2, BCL2 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60178-1-PBS. Detection antibody: 60178-2-PBS. Standard:Ag3508. Range: 1.563-100 ng/mL.