Product datasheet

Anti-BCL2 Antibody

Catalog Number: *A00040-1*

BOSTER
antibody and ELISA experts
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Basic Information

Product Name	Anti-BCL2 Antibody
Gene Name	BCL2
Source	Rabbit
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB, IHC, IHC-F, ICC, FCM
Contents	500 ug/ml antibody with PBS， 0.02% NaN3 , 1mg BSA
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human Bcl-2 (102-140aa DDFSRRYRRDFAEMSSQLHLTPFTARGRFATVVEELFRD), identical to the related mouse and rat sequences.
concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	26KD
Dilution Ratios	Western blot(WB): 1:500-2000 Immunohistochemistry in paraffin section (IHC): 1:50-400 Immunohistochemistry in frozen section: 1:50-400 Immunocytochemistry in fixed cells: 1:50-400 Flow cytometry (FCM): 1-3 μg/1x10^6 cells (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.

Storage

12 months from date of receipt，-20℃ as supplied. 6 months 2 to 8℃ after reconstitution. Avoid repeated freezing and thawing.

Background Information

Immunoreactive BCL2 protein in the neoplastic cells of almost all follicular lymphomas whereas no BCL2 protein was detected in follicles affected by nonneoplastic processes or in normal lymphoid tissue. Every tumor with molecular-genetic evidence of t(14;18) translocation expressed detectable levels of BCL2 protein, regardless of whether the breakpoint was located in or at a distance from the BCL2 gene. Overexpression of BCL2 blocks the apoptotic death of a pro-B-lymphocyte cell line.

Reference

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Anti-BCL2 Antibody被引用在6文献中。

Selected Validation Data

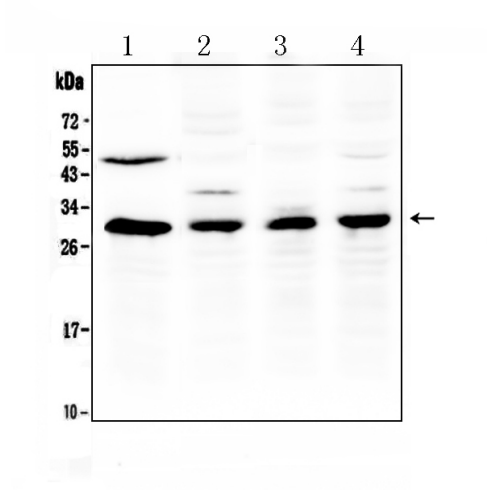

Figure 1. Western blot analysis of Bcl-2 using anti-Bcl-2 antibody (A00040-1). The sample well of each lane was loaded with 50ug of sample under reducing conditions. Lane 1: rat liver tissue lysate,Lane 2: mouse thymus tissue lysate,Lane 3: human MCF-7 whole Cell lysate,Lane 4: human 22RV1 whole Cell lysate. probed with a goat anti-rabbit IgG-HRP secondary antibody . The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) A specific band was detected for Bcl-2 at approximately 29KD. The expected band size for Bcl-2 is at 26KD.

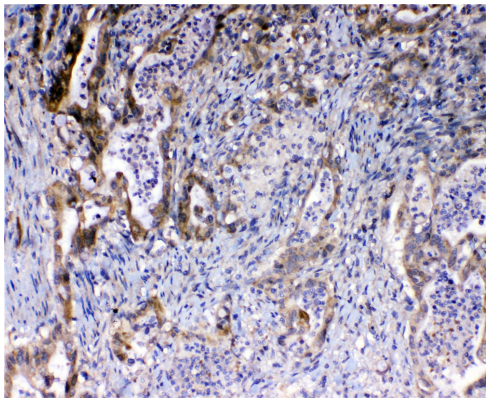

Figure 2. IHC analysis of Bcl-2 using anti- Bcl-2 antibody (A00040-1).
Bcl-2 was detected in paraffin-embedded section of huamn intestinal tissues. Biotinylated goat anti-rabbit IgG was used as secondary antibody The tissue section was developed using Strepavidin-Biotin-Complex (SABC)(Catalog # SA1022) with DAB as the chromogen.

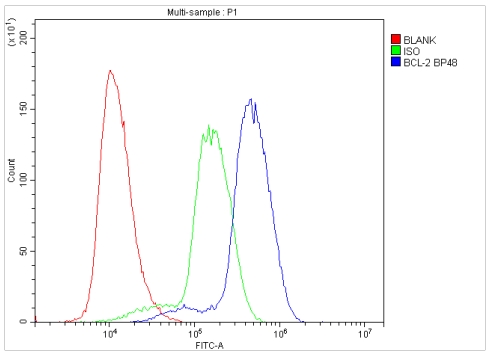

Figure 3. Flow Cytometry analysis of U937 cells using anti- Bcl-2 antibody (A00040-1).
Overlay histogram showing U937 cells stained with A00040-1 (Blue line).. DyLight488 conjugated goat anti-rabbit IgG (BA1127, 5-10µg/1x10^6 cells) was used as secondary antibody .Isotype control antibody (Green line) was rabbit IgG (1µg/1x10^6) used under the same conditions. Unlabelled sample (Red line) was also used as a control.