

Bcl-2 Polyclonal Antibody

Catalog: BS65626

Host: Rabbit

Reactivity: Mouse, Rat, (predicted: Human,)

BackGround:

The Bcl-2 gene was isolated at the chromosomal break-point of t(14;18)-bearing follicular B cell lymphomas(1,2).Bcl-2 blocks cell death following a variety of stimuli and confers a death-sparing effect to certain hematopoietic cell lines following growth factor withdrawal (3,5).Bcl-2 appears to function in several subcellular locations yet lacks any known motifs that would confer insight into its mechanism of action (6,7).A more recently identified protein,designated Bax p21(i.e., Bcl-associated X protein),has extensive amino acid homology with Bcl-2 and both homodimerizes and forms heterodimers with Bcl-2(8). Overexpression of Bax accelerates apoptotic death induced by cytokine deprivation in an IL-3 dependent cell line and Bax also counters the death repressor activity of Bcl-2(8).

Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Molecular Weight:

26 kD

Swiss-Prot:

P49950

Purification&Purity:

affinity purified by Protein A

Applications:

WB=1:500-2000

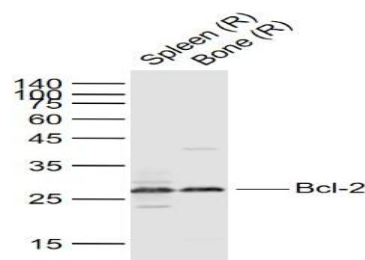
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Bcl-2 Polyclonal Antibody detects endogenous levels of Bcl-2 protein.

DATA:



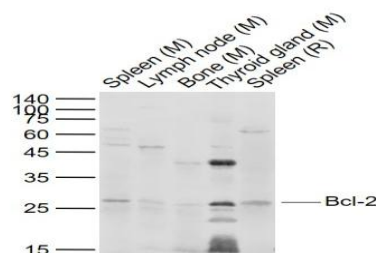
Sample:

Lane 1: Spleen (Rat) Lysate at 40 ug

Lane 2: Bone (Rat) Lysate at 40 ug

Primary:

Anti- Bcl-2 at 1/1000 dilution



Sample:

Lane 1: Spleen (Mouse) Lysate at 40 ug

Lane 2: Lymph node (Mouse) Lysate at 40 ug

Lane 3: Bone (Mouse) Lysate at 40 ug

Lane 4: Thyroid gland (Mouse) Lysate at 40 ug

Lane 5: Spleen (Rat) Lysate at 40 ug

Primary:

Anti- Bcl-2 at 1/1000 dilution

Note:

For research use only, not for use in diagnostic procedure.

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