

Product datasheet for **AM20590PU-N**

BCL2 Mouse Monoclonal Antibody [Clone ID: BL-2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	BL-2
Applications:	IF, IHC, WB
Recommended Dilution:	Western Blot: 1 - 2 µg/ml. Immunocytochemistry. Immunohistochemistry on frozen and paraffin sections: 0.4 - 1 µg/ml.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Synthetic peptide corresponding to residues 41-54pf the bcl-2 protein, conjugated to thyroglobulin.
Specificity:	This antibody reacts to BCL2.
Formulation:	1.2 % sodium acetate, with 2 mg BSA and 0.01 mg sodium azide as preservative. State: Aff - Purified State: Lyophilized purified Ig fraction
Reconstitution Method:	Restore with 1.2% sodium acetate or neutral PBS
Concentration:	0,1 mg/ml (after reconstitution with PBS)
Purification:	Affinity chromatography
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at -20°C. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	B-cell CLL/lymphoma 2
Database Link:	Entrez Gene 596 Human P10415



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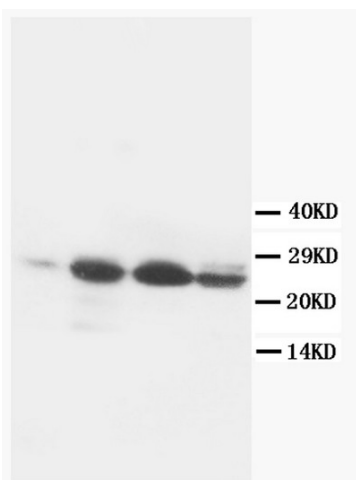
Background: Immunoreactive BCL2 protein in the neoplastic cells of almost all follicular lymphomas whereas no BCL2 protein was detected in follicles affected by nonneoplastic processes or in normal lymphoid tissue. Every tumor with molecular-genetic evidence of t(14;18) translocation expressed detectable 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.

Synonyms: BCL2, Bcl-2 alpha

Protein Families: Druggable Genome, ES Cell Differentiation/IPS, Stem cell - Pluripotency, Transmembrane

Protein Pathways: Amyotrophic lateral sclerosis (ALS), Apoptosis, Colorectal cancer, Focal adhesion, Neurotrophin signaling pathway, Pathways in cancer, Prostate cancer, Small cell lung cancer

Product images:



Lane 1: Rat Heart tissue Lysate Lane 2: Rat spleen muscle tissue Lysate Lane 3: Rat small intestine tissue Lysate Lane 4: Rat liver tissue Lysate