

Product datasheet for **AM26046PU-N**

BCL2 (41-54) Mouse Monoclonal Antibody [Clone ID: Bcl2/100]

Product data:

Product Type:	Primary Antibodies
Clone Name:	Bcl2/100
Applications:	FC, IF, IHC, IP, WB
Recommended Dilution:	Flow Cytometry. Immunoprecipitation. Western blot. Immunohistochemistry on Paraffin Sections. Immunohistochemistry on Frozen Sections. Immunocytochemistry.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Synthetic peptide corresponding to the amino acids 41-54 of human Bcl2
Specificity:	This antibody detects Bcl2 at 41-54.
Formulation:	PBS, pH~7.4 State: Aff - Purified State: Liquid purified Ig fraction (> 95% by SDS-PAGE) Preservative: 15mM Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.
Gene Name:	B-cell CLL/lymphoma 2
Database Link:	Entrez Gene 596 Human P10415



[View online »](#)

Background:	Bcl2 (B cell CLL lymphoma 2) is a proto-oncogen, which can contribute to tumorigenesis by counteracting apoptosis in various cell types. The anti-apoptotic effect of Bcl2 is performed by its interactions with suppressors and agonists of cell death and under physiological conditions it is regulated by proteolytic processing and phosphorylation. Bcl2 expression can be detected mainly in lymphoid tissues and in the basal cells of epithelial tissues. It is also a marker that can help in classification of lymphoproliferative diseases and in prognostics of some epithelial neoplasms.
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