

Product datasheet for **AM26046AC-N**

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

Product data:

Product Type:	Primary Antibodies
Clone Name:	Bcl2/100
Recommended Dilution:	Flow Cytometry analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Synthetic peptide corresponding to the amino acids 41-54 of human Bcl2
Specificity:	This antibody recognizes Bcl2, a 26 kDa protooncogen with anti-apoptotic effect, expressed in outer mitochondrial membrane, endoplasmic reticulum and nuclear envelope.
Formulation:	Phosphate buffered saline (PBS) Label: APC State: Liquid Ig fraction Stabilizer: 0.2% (w/v) high-grade protease free Bovine Serum Albumin (BSA) Preservative: 15 mM sodium azide
Purification:	Size-exclusion chromatography
Conjugation:	APC
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE! This products is photosensitive and should be protected from light.
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:

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