

Bcl-2 Mouse Monoclonal Antibody (6B5)

Catalog No: RA10234

Basic Information

Host species	Mouse
Applications	WB, IHC, IF
Species Cross-Reactivity	H, R, M
Specificity	Bcl-2 antibody detects endogenous Bcl-2 proteins.
Recommended dilutions	WB: 1:1,000~2,000 IHC: 1:200 IF: 1:100-200 Optimal dilutions should be determined by the end user.

Applications

Formulation	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/ml
Clonality	Monoclonal

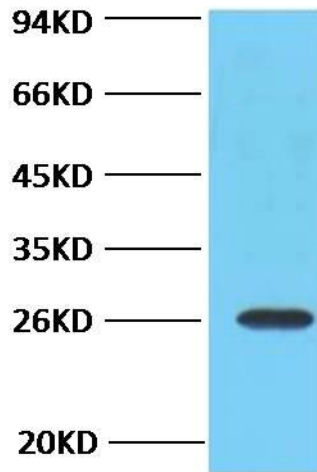
Background

Alternative Names	
Observed band	26
Human Gene ID	596
Human Swiss-Prot Number	P10415

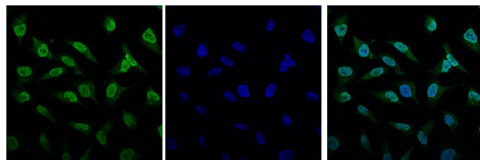
Background

BCL2 is an integral outer mitochondrial membrane protein that blocks the apoptotic death of some cells such as lymphocytes. Constitutive expression of BCL2, such as in the case of translocation of BCL2 to Ig heavy chain locus, is thought to be the cause of follicular lymphoma. BCL2 suppresses apoptosis in a variety of cell systems including factor-dependent lymphohematopoietic and neural cells. It regulates cell death by controlling the mitochondrial membrane permeability.

Selected Validation Data



Western blot analysis of 3T3 with Bcl-2 mouse mAb(6B5)
diluted at 1:1,000.



IF analysis of HeLa with Bcl-2 mouse mAb(6B5)(Left) and DAPI
(Right) diluted at 1:100.