
Product Name: BCL2 Mouse Monoclonal Antibody**Catalog #: AMM82738**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	26.3kDa

Antigen Information

Gene Name	BCL2
Alternative Names	Bcl-2; PPP1R50
Gene ID	596.0
SwissProt ID	P10415
Immunogen	Purified recombinant fragment of human BCL2 (AA: 1-239) expressed in E. Coli.

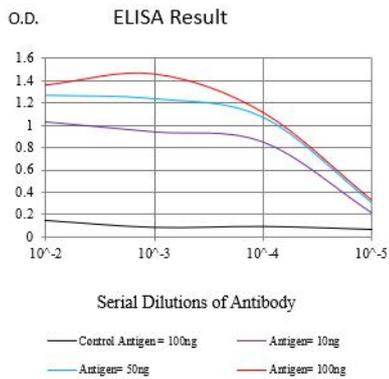
Background

This gene encodes 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. Alternative splicing results in multiple transcript variants.

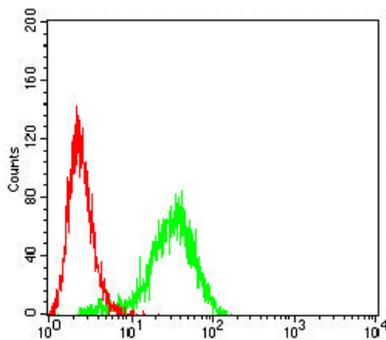
Research Area

Apoptosis, TGF-beta signaling pathway, PI3K-Akt signaling pathway

Image Data



Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



Flow cytometric analysis of THP-1 cells using BCL2 mouse mAb (green) and negative control (red).