



BCL-2 Mouse Monoclonal Antibody

E10-30077

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. Tissue specificity: Expressed in a variety of tissues.

Catalog Number: E10-30077

Amount: 100µg/100µl

Clone Number: 8E12

Species: Mouse IgG1

MW: 26kDa

Aliases: Bcl-2; BCL2

Entrez Gene: 596

Immunogen: Synthetic peptide corresponding to residues surrounding BCL-2, conjugated to KLH.

Storage: Store at 4°C, for long term storage, store at -20°C.

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human; Mouse

Tested Applications: WB, IF, FC, ELISA. Not yet tested in other applications.

Application notes: WB: 1/500 - 1/2000, IF: 1/200 - 1/1000, FC: 1/200-1/400, ELISA: Propose dilution 1/10000.

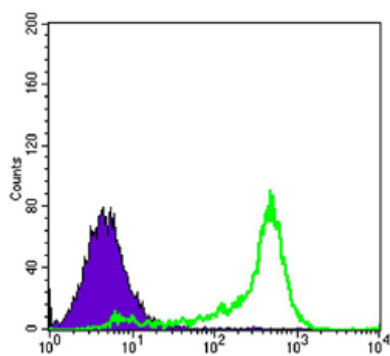


Figure 1: Flow cytometric analysis of 3T3L1 cells using BCL-2 mouse mAb (green) and negative control (purple).

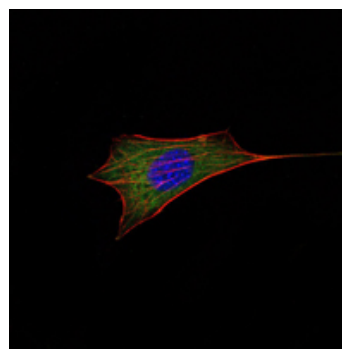


Figure 2: Immunofluorescence analysis of NIH/3T3 cells using BCL-2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

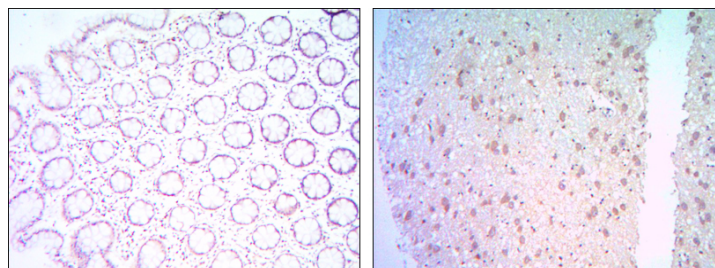


Figure 3: Immunohistochemical analysis of paraffin-embedded colon cancer tissues (left) and human brain tissues (right) using BCL-2 mouse mAb with DAB staining.

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