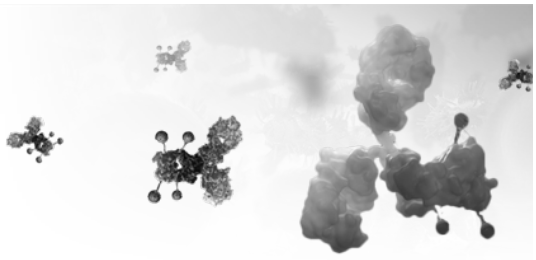

Anti-BCL2 monoclonal antibody, clone Cdm3/200 [FITC] (DCABH-10725)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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. Two transcript variants, produced by alternate splicing, differ in their C-terminal ends.
Specificity	BCL2, a protooncogen with anti-apoptotic effect, expressed in outer mitochondrial membrane, endoplasmic reticulum and nuclear envelope.
Immunogen	A synthetic peptide corresponding to amino acids 41-54 of human BCL2.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	Cdm3/200
Conjugate	FITC
Applications	Western Blot; Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections); Immunohistochemistry (Frozen sections); Immunocytochemistry; Immunoprecipitation; Flow Cytometry
Format	Liquid
Buffer	In PBS (0.2% BSA, 15 mM sodium azide)
Preservative	15mM Sodium Azide

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Storage	Store at 4°C. Do not freeze.

GENE INFORMATION

Gene Name	BCL2 B-cell CLL/lymphoma 2 [Homo sapiens]
Official Symbol	BCL2
Synonyms	BCL2; B-cell CLL/lymphoma 2; apoptosis regulator Bcl-2; Bcl 2; PPP1R50; protein phosphatase 1; regulatory subunit 50; protein phosphatase 1, regulatory subunit 50; Bcl-2;
Entrez Gene ID	596
Protein Refseq	NP_000624
UniProt ID	A0A024R2B3
Chromosome Location	18q21.3
Pathway	ATF-2 transcription factor network, organism-specific biosystem; Activation of BAD and translocation to mitochondria, organism-specific biosystem; Activation of BH3-only proteins, organism-specific biosystem; Amyotrophic lateral sclerosis (ALS), organism-specific biosystem; Amyotrophic lateral sclerosis (ALS), conserved biosystem; Apoptosis, organism-specific biosystem; Apoptosis, organism-specific biosystem;
Function	BH3 domain binding; channel activity; identical protein binding; protease binding; protein binding; protein heterodimerization activity; protein homodimerization activity; protein phosphatase 2A binding; sequence-specific DNA binding; transcription factor

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