Anti-BCL2 monoclonal antibody, clone 21D5 [FITC] (DCABH-10293)

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

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to Bcl-2 (FITC)
Antigen Description	Suppresses apoptosis in a variety of cell systems including factor-dependent lymphohematopoietic and neural cells. Regulates cell death by controlling the mitochondrial membrane permeability. Appears to function in a feedback loop system with caspases. Inhibits caspase activity either by preventing the release of cytochrome c from the mitochondria and/or by binding to the apoptosis-activating factor (APAF-1).
Immunogen	Synthetic peptide corresponding to Mouse Bcl-2 aa 61-76.Sequence: VHREMAARTSPLRPLV
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Mouse
Clone	21D5
Conjugate	FITC
Applications	Flow Cyt
Positive Control	Mouse splenocytes
Format	Liquid
Size	100 tests
Buffer	Preservative: 0.09% Sodium Azide; Constituents: 0.2% BSA, PBS, 150mM Sodium chloride, pH 7.2

Preservative	0.09% Sodium Azide
Storage	Store at +4°C.

GENE INFORMATION

Gene Name	Bcl2 B cell leukemia/lymphoma 2 [Mus musculus]
Official Symbol	BCL2
Synonyms	BCL2; B cell leukemia/lymphoma 2; apoptosis regulator Bcl-2; B-cell leukemia/lymphoma 2; Bcl-2; AW986256; C430015F12Rik; D630044D05Rik; D830018M01Rik;
Entrez Gene ID	12043
Protein Refseq	NP_033871
UniProt ID	P10417
Pathway	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; Apoptosis, conserved biosystem;
Function	BH domain binding; BH3 domain binding; channel activity; identical protein binding; protease binding; protein binding; protein heterodimerization activity; protein heterodimerization activity; protein homodimerization activity; protein phosphatase 2A bind