Datasheet for ABIN7077622

anti-Bcl-2 antibody (AA 41-54) (iFluor™647)

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Overview

Quantity:	100 tests
Target:	Bcl-2 (BCL2)
Binding Specificity:	AA 41-54
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Bcl-2 antibody is conjugated to iFluor™647
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	BCL-2 iFluor647 Antibody
Immunogen:	Human BCL-2 synthetic peptide aa. 41-54
Clone:	1E2
Isotype:	IgG1, kappa
Characteristics:	The clone 100, a mouse monoclonal antibody, recognizes a 239 amino acid ~25 kDa human apoptosis regulator oncoprotein known as Bcl-2. It is an intracellular, integral membrane protein containing up to 4 Bcl-2 homology (BH) motifs which are found primarily in the nuclear envelope, endoplasmic reticulum and outer mitochondrial membrane. Bcl-2 is a conserved anti-apoptotic protein and plays important roles in the management of normal immunity. Nonrandom translocations with breakpoint at band q21 on chromosome 18 may cause bcl-2 gene deregulation and contribute to neoplastic transformation in human lymphomas.

Product Details

Purification:	Purified
Purity:	>95 %
Grade:	GMP Grade

Target Details

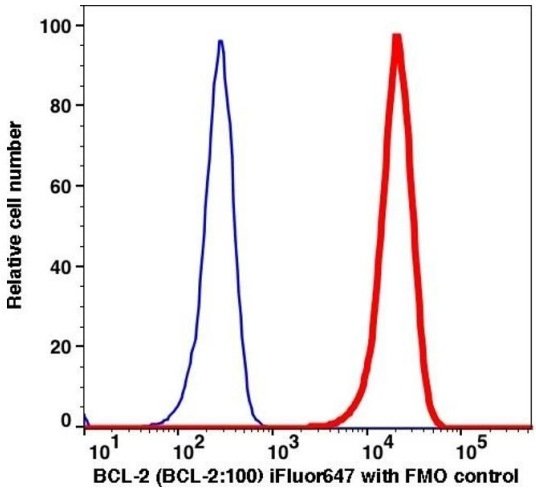
Target:	Bcl-2 (BCL2)
Alternative Name:	BCL-2 (BCL2 Products)
Gene ID:	596
UniProt:	P10415
Pathways:	MAPK Signaling, PI3K-Akt Signaling, Apoptosis, Caspase Cascade in Apoptosis, Regulation of Muscle Cell Differentiation, Cell-Cell Junction Organization, Skeletal Muscle Fiber Development, Autophagy, Smooth Muscle Cell Migration, Negative Regulation of intrinsic apoptotic Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS pH 7.2, 0.2 % (w/v) BSA, 0.09 % (w/v) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	2-8°C, Conjugated antibodies should never be frozen.



Flow Cytometry

Image 1.