

ARG54224 anti-Bcl 2 antibody [Bcl2/100/D5] (APC)

Package: 50 tests
Store at: 4°C

Summary

Product Description	APC-conjugated Mouse Monoclonal antibody [Bcl-2/100/D5] recognizes Bcl 2
Tested Reactivity	Hu
Species Does Not React With	Ms
Tested Application	FACS
Specificity	The clone Bcl2/100 recognizes Bcl2, a 26 kDa protooncogen with anti-apoptotic effect, expressed in outer mitochondrial membrane, endoplasmic reticulum and nuclear envelope.
Host	Mouse
Clonality	Monoclonal
Clone	Bcl2/100/D5
Isotype	IgG1
Target Name	Bcl 2
Species	Human
Immunogen	Synthetic peptide corresponding to the amino acids 41-54 of human Bcl2
Conjugation	APC
Alternate Names	BCL2; BCL2 Apoptosis Regulator; PPP1R50; Bcl-2; Protein Phosphatase 1, Regulatory Subunit 50; Apoptosis Regulator Bcl-2; B-Cell CLL/Lymphoma 2; BCL2, Apoptosis Regulator

Application Instructions

Application table	Application	Dilution
	FACS	10 µl / 100 µl of whole blood or 10 ⁶ cells
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification Note	The purified antibody is conjugated with cross-linked Allophycocyanin (APC) under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use. No reconstitution is necessary.
Buffer	PBS, 15 mM Sodium azide and 0.2% (w/v) high-grade protease free BSA
Preservative	15 mM Sodium azide
Stabilizer	0.2% (w/v) high-grade protease free BSA
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be

gently mixed before use.

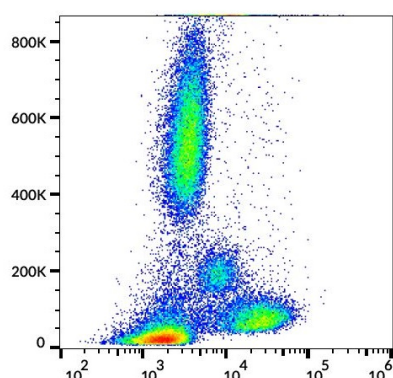
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

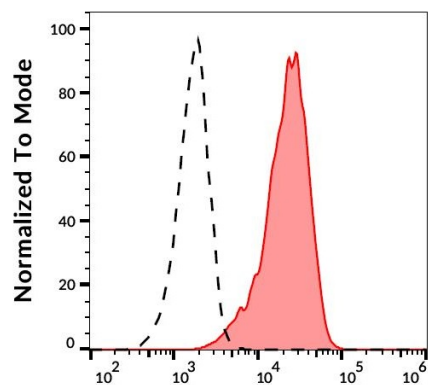
Database links	GeneID: 596 Human Swiss-port # P10415 Human
Gene Symbol	BCL2
Gene Full Name	B-cell CLL/lymphoma 2
Background	This gene encodes an integral outer mitochondrial membrane protein that blocks the apoptotic death of some cells such as lymphocytes. Constitutive expression of BCL2, such as in 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. [provided by RefSeq, Feb 2016]
Function	Suppresses apoptosis in a variety of cell systems including factor-dependent lymphohematopoietic and neural cells. [UniProt]
Highlight	Related Antibody Duos and Panels: ARG30268 Apoptosis Marker Antibody Duo (Bcl2, Bax) ARG30269 Apoptosis Marker Antibody Duo (Bcl2, Bid) Related products: Bcl-2 antibodies ; Bcl-2 Duos / Panels ; Anti-Rabbit IgG secondary antibodies ; Related news: Lymphoma
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Cell Death antibody; Metabolism antibody; Signaling Transduction antibody; Apoptosis Marker antibody
Calculated Mw	26 kDa
PTM	Phosphoprotein, Ubl conjugation. [UniProt]
Cellular Localization	Cytoplasm, Endoplasmic reticulum, Membrane, Mitochondrion, Mitochondrion outer membrane, Nucleus. [UniProt]

Images



ARG54224 anti-Bcl 2 antibody [Bcl2/100/D5] (APC) FACS image

Flow Cytometry: Human peripheral whole blood stained with ARG54224 anti-Bcl 2 antibody [Bcl2/100/D5] (APC) (10 µl reagent / 100 µl of peripheral whole blood).



ARG54224 anti-Bcl 2 antibody [Bcl2/100/D5] (APC) FACS image

Flow Cytometry: Separation of human lymphocytes (red-filled) from human CD45 negative blood debris (black-dashed). Human peripheral whole blood stained with ARG54224 anti-Bcl 2 antibody [Bcl2/100/D5] (APC) (10 μ l reagent / 100 μ l of peripheral whole blood).