

ARG58302 anti-Bcl 2L2 / Bcl W antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Bcl 2L2 / Bcl W
Tested Reactivity	Hu
Predict Reactivity	Hm
Tested Application	FACS, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Bcl 2L2 / Bcl W
Species	Human
Immunogen	Synthetic peptide corresponding to a sequence in the middle region of Human BCL2L2(74-88aa SAQQRFTQVSDELFG), identical to the related Rat and Mouse sequences.
Conjugation	Un-conjugated
Alternate Names	PPP1R51; Bcl-2-like protein 2; Bcl2-L-2; BCLW; Apoptosis regulator Bcl-W; BCL-W; BCL2-L-2

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	IHC-P	0.5 - 1 µg/ml
	WB	0.1 - 0.5 µg/ml
Application Note	IHC-P: Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0) for 20 min. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Thimerosal, 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Thimerosal and 0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

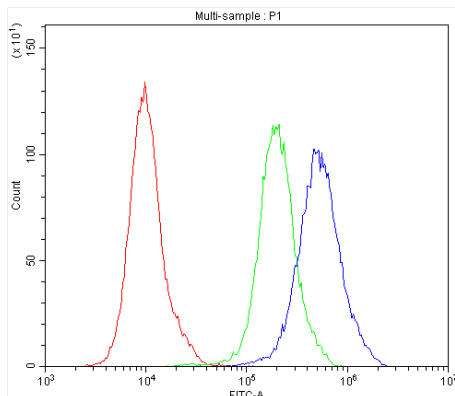
Note

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

Bioinformation

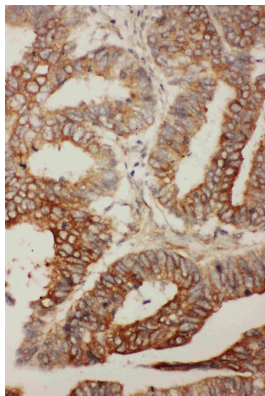
Gene Symbol	BCL2L2
Gene Full Name	BCL2-like 2
Background	This gene encodes a member of the BCL-2 protein family. The proteins of this family form hetero- or homodimers and act as anti- and pro-apoptotic regulators. Expression of this gene in cells has been shown to contribute to reduced cell apoptosis under cytotoxic conditions. Studies of the related gene in mice indicated a role in the survival of NGF- and BDNF-dependent neurons. Mutation and knockout studies of the mouse gene demonstrated an essential role in adult spermatogenesis. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the neighboring downstream PABPN1 (poly(A) binding protein, nuclear 1) gene. [provided by RefSeq, Dec 2010]
Function	Promotes cell survival. Blocks dexamethasone-induced apoptosis. Mediates survival of postmitotic Sertoli cells by suppressing death-promoting activity of BAX. [UniProt]
Calculated Mw	21 kDa
Cellular Localization	Mitochondrion membrane; Peripheral membrane protein. Loosely associated with the mitochondrial membrane in healthy cells. During apoptosis, tightly bound to the membrane. [UniProt]

Images



ARG58302 anti-Bcl 2L2 / Bcl W antibody FACS image

Flow Cytometry: PC-3 cells were blocked with 10% normal goat serum, and then stained with ARG58302 anti-Bcl 2L2 / Bcl W antibody (blue) at 1 µg/10⁶ cells for 30 min at 20°C, followed by DyLight®488 labelled secondary antibody. Isotype control antibody (green) was rabbit IgG (1 µg/10⁶ cells) used under the same conditions. Unlabelled sample (red) was also used as a control.



ARG58302 anti-Bcl 2L2 / Bcl W antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human rectal cancer tissue. Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0, epitope retrieval solution) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG58302 anti-Bcl 2L2 / Bcl W antibody at 1 µg/ml dilution, overnight at 4°C.



ARG58302 anti-Bcl 2L2 / Bcl W antibody WB image

Western blot: 50 µg of HeLa whole cell lysate stained with ARG58302 anti-Bcl 2L2 / Bcl W antibody at 0.5 µg/ml, overnight at 4°C, under reducing conditions.