

Datasheet for ABIN7490462

anti-BCL2L1 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	BCL2L1
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This BCL2L1 antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS)

Product Details

Isotype:	IgG
Characteristics:	Rabbit IgG
Purification:	Purified from cell culture supernatant by affinity chromatography

Target Details

Target:	BCL2L1
Alternative Name:	BCL2L1 (BCL2L1 Products)
Background:	Bcl-X, BCL-XL/S, BCL2L, BCLX, PPP1R52, Description: The protein encoded by this gene belongs to the BCL-2 protein family. BCL-2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. The proteins encoded by this gene are located at the outer mitochondrial membrane, and have been shown to regulate outer mitochondrial

Target Details

membrane channel (VDAC) opening. VDAC regulates mitochondrial membrane potential, and thus controls the production of reactive oxygen species and release of cytochrome C by mitochondria, both of which are the potent inducers of cell apoptosis. Alternative splicing results in multiple transcript variants encoding two different isoforms. The longer isoform acts as an apoptotic inhibitor and the shorter isoform acts as an apoptotic activator.

UniProt:	Q07817
Pathways:	Apoptosis, Negative Regulation of intrinsic apoptotic Signaling

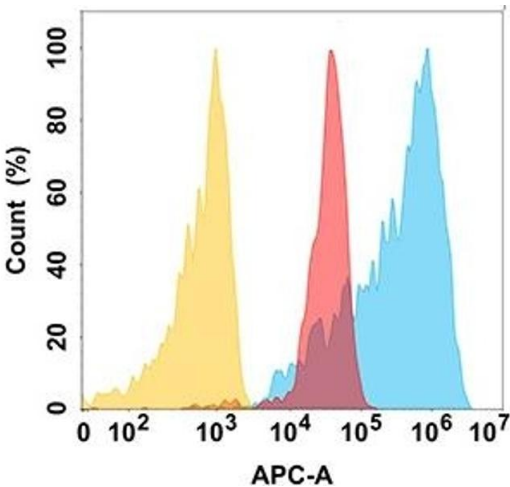
Application Details

Application Notes:	ELISA 1:5000-10000, Flow Cyt 1:100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months

Images



Flow Cytometry

Image 1. L1 protein is highly expressed on the surface of Expi293 cell membrane. Flow cytometry analysis with Anti-L1 (DM189) on Expi293 cells transfected with human L1 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram), and Isotype antibody on Expi293 transfected with irrelevant protein (Orange histogram).