

PRODUCT INFORMATION

Clone ID DM189 BCL2L1 **Target**

Synonyms Bcl-X; BCL-XL:S; BCL2L; BCLX; PPP1R52

Host Species

Biotinylated Anti-BCL2L1 antibody(DM189); Description Rabbit mAb

Delivery 2-3 weeks **Uniprot ID** Q07817 Rabbit IgG IgG type Clonality Monoclonal Reactivity Human

Applications ELISA; Flow Cyt

Recommended

ELISA 1:5000-10000; Flow Cyt 1:100 **Dilutions**

Purified from cell culture supernatant by affinity **Purification**

chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & - 8% trehalose is added as protectants before Reconstitution

lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.

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

Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

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 proapoptotic 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 membrane

channel (VDAC) opening. VDAC regulates **Background** 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.

Research use only **Usage**

Conjugate Biotinylated

> All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are

actively scrutinizing all patent application to

ensure no IP infringement.

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