

## **BCL2L1 (DM189) RABBIT MAB**

**Cat.#:** 28532

**Product Name:** Anti-BCL2L1(DM189) Rabbit Monoclonal Antibody

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

**Description:** Anti-BCL2L1 antibody(DM189) Rabbit Monoclonal Antibody

**Background:** 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 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.

**Applications:** ELISA; Flow Cyt

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

**Host Species:** Rabbit

**Isotype:** Rabbit IgG

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

**Species Reactivity:** Human BCL2L1

**Constituents:** Lyophilized from sterile PBS, pH 7.4. 5 % – 8% trehalose is added as protectants before lyophilization.

**Storage & Shipping:** 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).

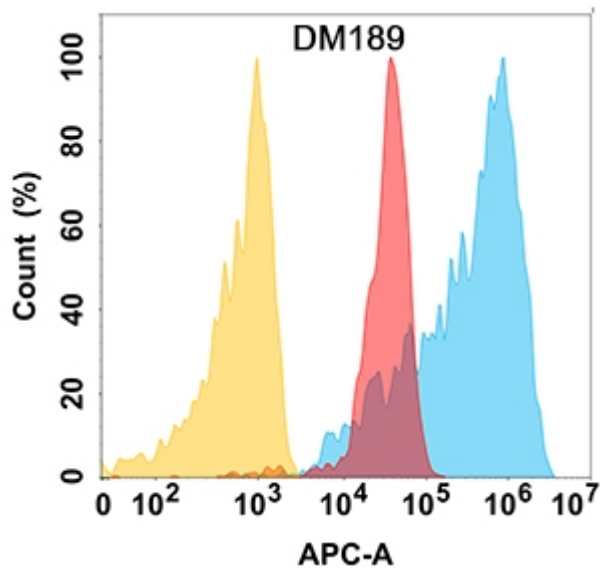


Figure 1. BCL2L1 protein is highly expressed on the surface of Expi293 cell membrane. Flow cytometry analysis with Anti-BCL2L1 (DM189) on Expi293 cells transfected with human BCL2L1 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram), and Isotype antibody on Expi293 transfected with irrelevant protein (Orange histogram).