

### KO Validated Anti-BCL2 Like 11 Rabbit Monoclonal Antibody Rabbit monoclonal antibody Catalog # AGI2411

# **Specification**

# KO Validated Anti-BCL2 Like 11 Rabbit Monoclonal Antibody - Product Information

Application Primary Accession Reactivity Clonality Isotype Calculated MW Gene Name Aliases WB, FC 043521 Rat, Human, Mouse **Monoclonal** Rabbit IgG Predicted, 22 kDa, observed, 22 kDa KDa BCL2L11 BCL2L11; BCL2 Like 11; BIM; BOD; BCL2-Like 11 (Apoptosis Facilitator); Bcl-2-Like Protein 11; BimEL; BimL; BimS; **Bcl-2 Interacting Mediator Of Cell Death; Bcl2-Interacting Mediator Of Cell Death: Bcl-2-Related Ovarian Death Agonist: Bcl-2** Interacting Protein Bim; Bcl2-L-11; BAM A synthesized peptide derived from human Bim

Immunogen

### KO Validated Anti-BCL2 Like 11 Rabbit Monoclonal Antibody - Additional Information

Gene ID **10018** Other Names Bcl-2-like protein 11, Bcl2-L-11, Bcl2-interacting mediator of cell death, BCL2L11, BIM

### KO Validated Anti-BCL2 Like 11 Rabbit Monoclonal Antibody - Protein Information

Name BCL2L11

Synonyms BIM

#### Function

Induces apoptosis and anoikis. Isoform BimL is more potent than isoform BimEL. Isoform Bim-alpha1, isoform Bim-alpha2 and isoform Bim-alpha3 induce apoptosis, although less potent than isoform BimEL, isoform BimL and isoform BimS. Isoform Bim-gamma induces apoptosis. Isoform Bim-alpha3 induces apoptosis possibly through a caspase- mediated pathway. Isoform BimAC and isoform BimABC lack the ability to induce apoptosis.

#### **Cellular Location**

Endomembrane system; Peripheral membrane protein. Note=Associated with intracytoplasmic membranes. [Isoform BimL]: Mitochondrion. [Isoform Bim-alpha1]: Mitochondrion.

#### Tissue Location

Isoform BimEL, isoform BimL and isoform BimS are the predominant isoforms and are widely



expressed with tissue-specific variation. Isoform Bim-gamma is most abundantly expressed in small intestine and colon, and in lower levels in spleen, prostate, testis, heart, liver and kidney.

# KO Validated Anti-BCL2 Like 11 Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

### KO Validated Anti-BCL2 Like 11 Rabbit Monoclonal Antibody - Images



Western blotting analysis using anti-BCL2 like 11 antibody (Cat#AGI2411). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-BCL2 like 11 antibody (Cat#AGI2411, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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Western blotting analysis using anti-BCL2 like 11 antibody (Cat#AGI2411). BCL2 like 11 expression in wild type (WT) and BCL2 like 11 (BCL2L11) knockout (KO) HSHC cells with 20  $\mu$ g of total cell lysates.  $\beta$ -Tubulin serves as a loading control. The blot was incubated with anti-BCL2 like 11 antibody (Cat#AGI2411, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.





Flow cytometric analysis of BCL2 like 11 expression in HepG2 cells using anti-BCL2 like 11 antibody (Cat# AGI2411, 1:2,000). Green, isotype control; red, BCL2 like 11.