Product Name: KO-Validated BCL2 Like 11 Recombinant Rabbit Monoclonal Antibody
Catalog #: KVAb00155
For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 22.2kDa

Antigen Information

Gene Name	BCL2L11
Alternative Names	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
Gene ID	10018.0
SwissProt ID	O43521
Immunogen	A synthesized peptide derived from human Bim

Background

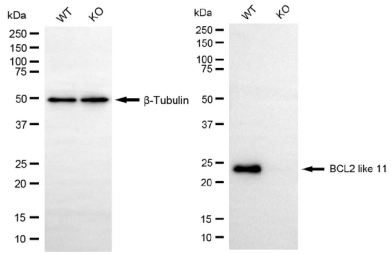
The protein encoded by this gene belongs to the BCL-2 protein family. BCL-2 family members form hetero- or homodimers and

act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. The protein encoded by this gene contains a Bcl-2 homology domain 3 (BH3). It has been shown to interact with other members of the BCL-2 protein family and to act as an apoptotic activator. The expression of this gene can be induced by nerve growth factor (NGF), as well as by the forkhead transcription factor FKHR-L1, which suggests a role of this gene in neuronal and lymphocyte apoptosis. Transgenic studies of the mouse counterpart suggested that this gene functions as an essential initiator of apoptosis in thymocyte-negative selection. Several alternatively spliced transcript variants of this gene have been identified. [provided by RefSeq, Jun 2013]

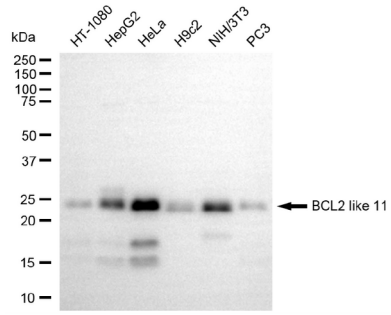
Research Area

Cell Biology,Neuroscience,Immunology,Signal Transduction,Cancer,Metabolism

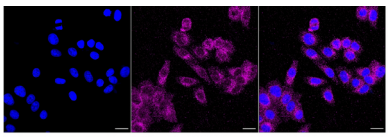
Image Data



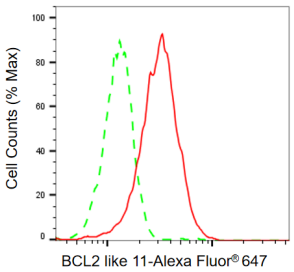
Western blotting analysis using BCL2 like 11 antibody (KVAb00155). BCL2 like 11 expression in wild type (WT) and BCL2 like 11 (BCL2L11) knockout (KO) HSHC cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with BCL2 like 11 antibody (KVAb00155, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using BCL2 like 11 antibody (KVAb00155). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with BCL2 like 11 antibody (KVAb00155, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with BCL2 like 11 antibody (KVAb00155, 1:1,000). Nuclei were stained blue with DAPI; BCL2 like 11 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.



Flow cytometric analysis of BCL2 like 11 expression in HepG2 cells using BCL2 like 11 antibody (KVAb00155, 1:2,000). Green, isotype control; red, BCL2 like 11.