

Product Name: KD-Validated BCL2 Like 12 Recombinant Rabbit Monoclonal Antibody
Catalog #: KVA01383

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM
Reactivity	Human
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
Molecular Weight	Calculated MW: 36.8kDa

Antigen Information

Gene Name	BCL2L12
Alternative Names	BCL2L12; BCL2 Like 12; BCL2-Like 12 (Proline Rich); Bcl-2-Like Protein 12; Bcl-2 Related Proline-Rich Protein; Bcl-2-Related Proline-Rich Protein; Bcl2-L-12; BPR
Gene ID	83596.0
SwissProt ID	Q9HB09
Immunogen	A synthesized peptide derived from human BCL2L12

Background

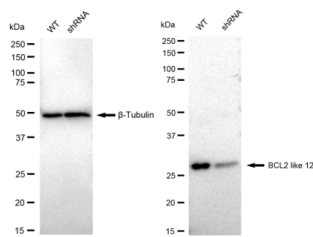
This gene encodes a member of a family of proteins containing a Bcl-2 homology domain 2 (BH2). The encoded protein is an anti-apoptotic factor that acts as an inhibitor of caspases 3 and 7 in the cytoplasm. In the nucleus, it binds to the p53 tumor suppressor protein, preventing its association with target genes. Overexpression of this gene has been detected in a number of

different cancers. There is a pseudogene for this gene on chromosome 3. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]

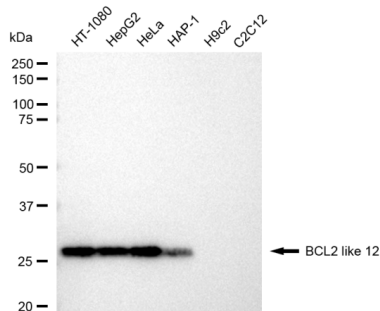
Research Area

Cell Biology,Cancer

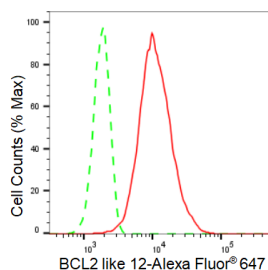
Image Data



Western blotting analysis using BCL2 like 12 antibody (KVAb01383). BCL2 like 12 expression in wild type (WT) and BCL2 like 12 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with BCL2 like 12 antibody (KVAb01383, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using BCL2 like 12 antibody (KVAb01383). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with BCL2 like 12 antibody (KVAb01383, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Flow cytometric analysis of BCL2 like 12 expression in HT-1080 cells using BCL2 like 12 antibody (KVAb01383, 1:2,000). Green, isotype control; red, BCL2 like 12.