

BCL2L2 monoclonal antibody

Catalog: MB22403

Host: Mouse

Reactivity: Human

Background:

This gene encodes a member of the BCL-2 protein family. The proteins of this family form hetero- or homodimers and act as anti- and pro-apoptotic regulators. Expression of this gene in cells has been shown to contribute to reduced cell apoptosis under cytotoxic conditions. Studies of the related gene in mice indicated a role in the survival of NGF- and BDNF-dependent neurons. Mutation and knockout studies of the mouse gene demonstrated an essential role in adult spermatogenesis. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the neighboring downstream PABPN1 (poly(A) binding protein, nuclear 1) gene.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

20.7kDa

Swiss-Prot:

Q92843

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

IHC:1/200 - 1/1000 IF:1/200 - 1/1000 FC:1/200 - 1/400

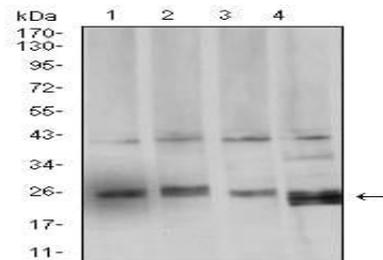
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

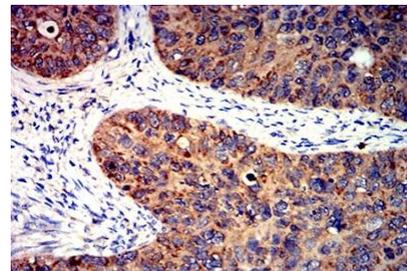
Isotype:

Mouse IgG2a

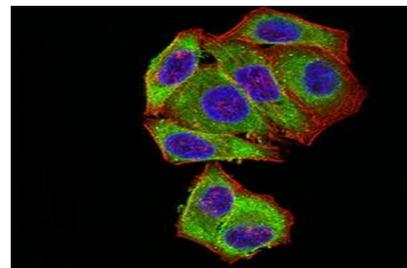
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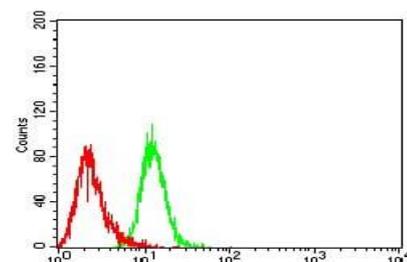
Western blot analysis using BCL2L2 mouse mAb against HCT116 (1), LOVO (2), SW480 (3), and HL-60 (4) cell lysate.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using BCL2L2 mouse mAb with DAB staining.



Immunofluorescence analysis of HeLa cells using BCL2L2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



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PRODUCT DATA SHEET

Bioworld Technology, Inc.

Flow cytometric analysis of Hela cells using BCL2L2 mouse mAb
(green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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