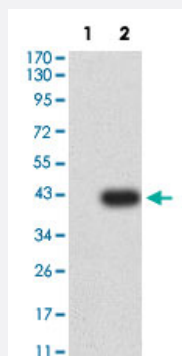


BCL2L2 monoclonal antibody, clone 4G12E6

Catalog # MAB17942

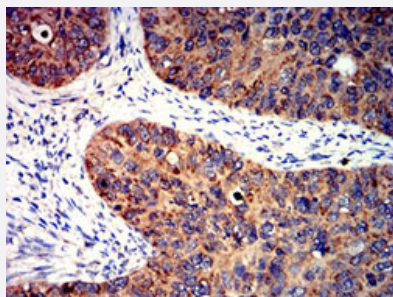
Size 100 ug

Applications



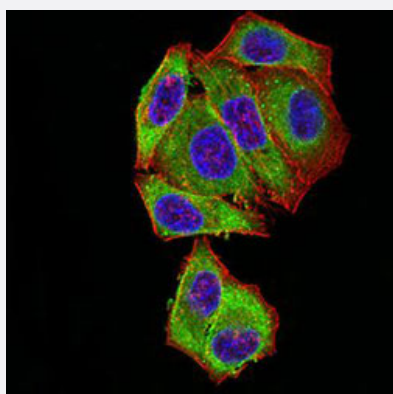
Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: BCL2L2-hlgGfC transfected HEK293 cell lysates with BCL2L2 monoclonal antibody, clone 4G12E6 (Cat # MAB17942).



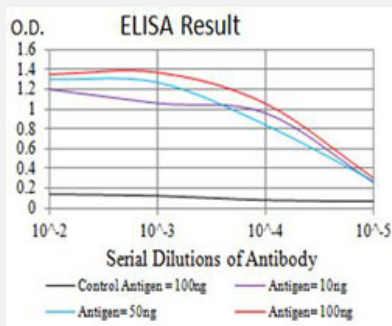
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human cervix cancer with BCL2L2 monoclonal antibody, clone 4G12E6 (Cat # MAB17942).



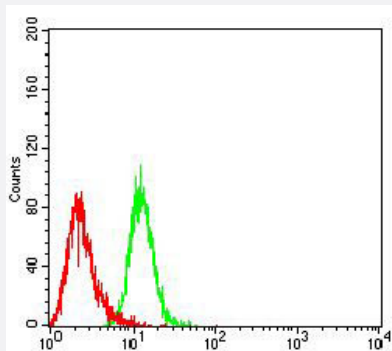
Immunofluorescence

Immunofluorescent staining of HeLa cells with BCL2L2 monoclonal antibody, clone 4G12E6 (Cat # MAB17942) (Green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis with BCL2L2 monoclonal antibody, clone 4G12E6 (Cat # MAB17942).



Flow Cytometry

Flow cytometric analysis of HeLa cells with BCL2L2 monoclonal antibody, clone 4G12E6 (Cat # MAB17942) (Green). Red: Negative Control.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human BCL2L2.
Immunogen	Recombinant protein corresponding to amino acids 6-118 of human BCL2L2.
Host	Mouse
Theoretical MW (kDa)	20.7
Reactivity	Human
Form	Liquid
Isotype	IgG2a
Recommend Usage	ELISA (1:10000) Flow Cytometry (1:200-1:400) Immunofluorescence (1:200-1:1000) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) Western Blot (1:100-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: BCL2L2-hlgGfc transfected HEK293 cell lysates with BCL2L2 monoclonal antibody, clone 4G12E6 (Cat # MAB17942).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human cervix cancer with BCL2L2 monoclonal antibody, clone 4G12E6 (Cat # MAB17942).

- Immunofluorescence

Immunofluorescent staining of HeLa cells with BCL2L2 monoclonal antibody, clone 4G12E6 (Cat # MAB17942) (Green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis with BCL2L2 monoclonal antibody, clone 4G12E6 (Cat # MAB17942).

- Flow Cytometry

Flow cytometric analysis of HeLa cells with BCL2L2 monoclonal antibody, clone 4G12E6 (Cat # MAB17942) (Green). Red: Negative Control.

Gene Info — BCL2L2

Entrez GeneID	599
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Protein Accession#	Q92843
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Gene Name	BCL2L2
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Gene Alias	BCL-W, BCLW, KIAA0271
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Gene Description	BCL2-like 2
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Omim ID	601931
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Gene Ontology	Hyperlink
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Gene Summary

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. [provided by RefSeq]

Other Designations

BCL2-like 2 protein|apoptosis regulator BCL-W

Disease

- [Azoospermia](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hodgkin Disease](#)
- [Infertility](#)
- [Leukemia](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Neovascularization](#)
- [Oligospermia](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)