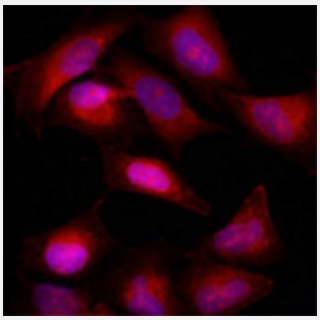
BCL2 monoclonal antibody, clone AT1B5

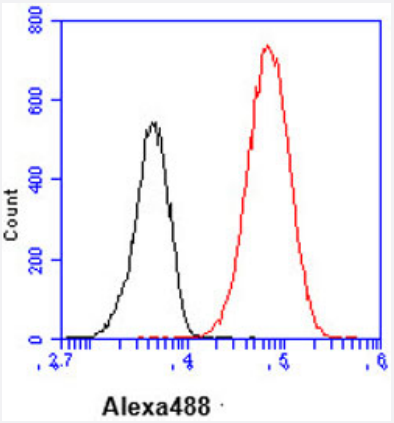
Catalog # MAB9719 Size 100 uL

Applications



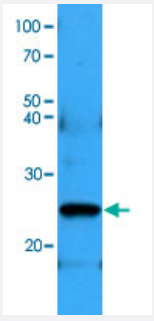
Immunofluorescence

Immunofluorescence of HeLa cells stained with Hoechst 3342 (Blue) for nucleus staining and with BCL2 monoclonal antibody, clone AT1B5 (Cat # MAB9719) at 1 : 500 dilution with Texas Red (Red).



Flow Cytometry

Flow cytometry analysis of HeLa cells, staining at 2-5 ug for 1x10^{6}cells.The secondary antibody used goat anti-mouse IgG Alexa fluor 488 conjugate. Isotype control antibody was mouse IgG (black line).



Western Blot (Cell lysate)

Western blot analysis of NIH/3T3 cell lysates (35 ug) with BCL2 monoclonal antibody, clone AT1B5 (Cat # MAB9719) at 1 : 500 dilution. Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant BCL2.

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Immunogen	Recombinant protein corresponding to amino acids 1-211 of human Bcl-2.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Concentration	1 mg/mL
Isotype	IgG2b, kappa
Recommend Usage	ELISA Flow Cytometry Immunocytochemistry Immunofluorescence Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (10% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunofluorescence

  Immunofluorescence of HeLa cells stained with Hoechst 3342 (Blue) for nucleus staining and with BCL2 monoclonal antibody, clone AT1B5 (Cat # MAB9719) at 1 : 500 dilution with Texas Red (Red).

- Immunocytochemistry

- Flow Cytometry

  Flow cytometry analysis of HeLa cells, staining at 2-5 ug for $1x10^6$cells.The secondary antibody used goat anti-mouse IgG Alexa fluor 488 conjugate. Isotype control antibody was mouse IgG (black line).

- Enzyme-linked Immunoabsorbent Assay

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- Western Blot (Cell lysate)

  Western blot analysis of NIH/3T3 cell lysates (35 ug) with BCL2 monoclonal antibody, clone AT1B5 (Cat # MAB9719) at 1 : 500 dilution. Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.

Gene Info — BCL2

Entrez GeneID	596
Protein Accession#	NP_000624
Gene Name	BCL2
Gene Alias	Bcl-2
Gene Description	B-cell CLL/lymphoma 2
Omim ID	151430
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an integral outer mitochondrial membrane protein that blocks the apoptotic de ath of some cells such as lymphocytes. Constitutive expression of BCL2, such as in the case of tr anslocation of BCL2 to Ig heavy chain locus, is thought to be the cause of follicular lymphoma. Tw o transcript variants, produced by alternate splicing, differ in their C-terminal ends. [provided by R efSeq
Other Designations	B-cell lymphoma protein 2|OTTHUMP00000163680

Pathway

- Amyotrophic lateral sclerosis (ALS)
- Apoptosis
- Colorectal cancer
- Focal adhesion
- Neurotrophin signaling pathway
- Pathways in cancer
- Prostate cancer
- Small cell lung cancer

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Disease

- Adenocarcinoma
- Alzheimer Disease
- Amnesia
- Attention Deficit Disorder with Hyperactivity
- Autistic Disorder
- Azoospermia
- Bile Duct Neoplasms
- Brain Injuries
- Breast cancer
- Breast Neoplasms
- Carcinoma
- Cardiovascular Diseases
- Cholangiocarcinoma
- Chromosome Aberrations
- Clubfoot
- Cognition
- Cognition Disorders
- Diabetes Mellitus
- Disease Progression
- Edema
- Esophageal Neoplasms
- Genetic Predisposition to Disease
- Head and Neck Neoplasms
- Hematologic Diseases

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- Hodgkin Disease
- Kidney Failure
- Kidney Neoplasms
- Laryngeal Neoplasms
- Leukemia
- Leukemia-Lymphoma
- Lung Neoplasms
- Lupus Erythematosus
- Lymphatic Metastasis
- Lymphoma
- Lymphoproliferative Disorders
- Multiple Sclerosis
- NARP
- Neoplasm Invasiveness
- Neoplasm Recurrence
- Neovascularization
- Neuropsychological Tests
- Occupational Diseases
- Oropharyngeal Neoplasms
- Ovarian Neoplasms
- Postoperative Complications
- Prostate cancer
- Prostatic Neoplasms
- Prosthesis Failure
- Pulmonary Disease
- Thyroid Neoplasms

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- Translocation
- Waldenstrom Macroglobulinemia
- Werner syndrome

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