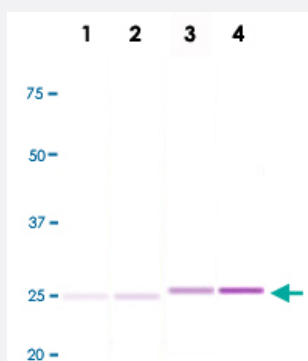


BCL2 monoclonal antibody, clone P22-A

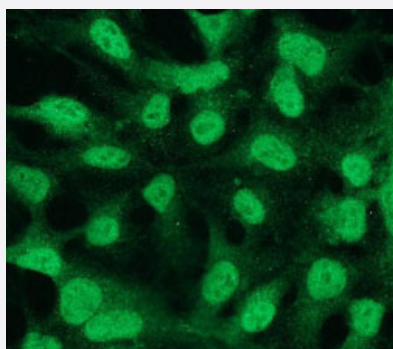
Catalog # MAB15916 Size 50 uL

Applications



Western Blot

Western Blot analysis of Lane 1: HEK293 cell lysate 100 ug, Lane 2: HEK293 cell lysate 200 ug, Lane 3: BCL2 recombinant protein 100 ng and Lane 4: BCL2 recombinant protein 200 ng with BCL2 monoclonal antibody, clone P22-A (Cat # MAB15916).



Immunocytochemistry

Immunocytochemical staining of HEK293 cells with BCL2 monoclonal antibody, clone P22-A (Cat # MAB15916) at 1:200 dilution.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human BCL2.
Immunogen	A synthetic peptide corresponding to amino acids 42-60 at N-terminus of human BCL2.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	EVAC purification

Isotype	IgG
Recommend Usage	ELISA (1:50000-1:100000) Immunocytochemistry Immunoprecipitation Western Blot (1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM Tris-HCl buffer, pH 8.0 (10 mg/mL BSA, 0.05% Sodium Azide).
Storage Instruction	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

Western Blot analysis of Lane 1: HEK293 cell lysate 100 ug, Lane 2: HEK293 cell lysate 200 ug, Lane 3: BCL2 recombinant protein 100 ng and Lane 4: BCL2 recombinant protein 200 ng with BCL2 monoclonal antibody, clone P22-A (Cat # MAB15916).

- Immunocytochemistry

Immunocytochemical staining of HEK293 cells with BCL2 monoclonal antibody, clone P22-A (Cat # MAB15916) at 1:200 dilution.

- Immunoprecipitation

- Enzyme-linked Immunoabsorbent Assay

Gene Info — BCL2

Entrez GeneID	596
Protein Accession#	P10415
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 death of some cells such as lymphocytes. Constitutive expression of BCL2, such as in the case of translocation of BCL2 to Ig heavy chain locus, is thought to be the cause of follicular lymphoma. Two transcript variants, produced by alternate splicing, differ in their C-terminal ends. [provided by RefSeq]

Other Designations

B-cell lymphoma protein 2|OTTHUMP00000163680

Publication Reference

- [Stereotactic Administration of Edaravone Ameliorates Collagenase-Induced Intracerebral Hemorrhage in Rat.](#)

Zhang Y, Yang Y, Zhang GZ, Gao M, Ge GZ, Wang QQ, Ji XC, Sun YL, Zhang HT, Xu RX.

CNS Neuroscience & Therapeutics 2016 Oct; 22(10):824.

Application: IF, IHC, Rat, Rat brain

- [Recombinant adeno-associated virus-delivered anginex inhibits angiogenesis and growth of HUVECs by regulating the Akt, JNK and NF-κB signaling pathways.](#)

Ma K, Wang C, Geng Q, Fan Y, Ning J, Yang H, Dong X, Dong D, Guo Y, Wei X, Li E, Wu Y.

Oncology Reports 2016 Jun; 35(6):3505.

Application: WB-Ce, Human, HUVECs

Pathway

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

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](#)

- [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](#)

- [Translocation](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)