

BCL2 monoclonal antibody, clone Bcl2/100 (FITC)

Catalog # MAB10229

Size 100 Reactions

Specification

Product Description	Mouse monoclonal antibody raised against synthetic peptide of BCL2.
Immunogen	A synthetic peptide corresponding to amino acids 41-54 of human BCL2.
Host	Mouse
Theoretical MW (kDa)	26
Reactivity	Human
Specificity	BCL2, a protooncogen with anti-apoptotic effect, expressed in outer mitochondrial membrane, endoplasmic reticulum and nuclear envelope.
Form	Liquid
Conjugation	FITC
Isotype	IgG1
Recommend Usage	Flow Cytometry (4 uL reagent/100 uL of whole blood or 10 ⁶ cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.2% BSA, 0.09% sodium azide)
Storage Instruction	Store at 4°C. Do not freeze.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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

- Immunohistochemistry (Frozen sections)
- Immunocytochemistry
- Immunoprecipitation
- Flow Cytometry

Gene Info — BCL2

Entrez GeneID	596
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

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](#)