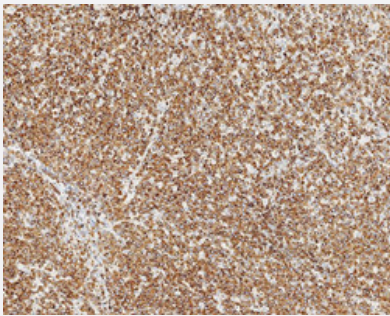


BCL2 monoclonal antibody, clone bcl-2/100/D5

Catalog # MAB22774

Size

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human follicular lymphoma: neoplastic cells show a moderate, predominantly cytoplasmic staining reaction.

Specification

Product Description	Mouse monoclonal antibody raised against synthetic peptide of human BCL2.
Immunogen	A synthetic peptide corresponding to human BCL2.
Sequence	GAAPAPGIFSSQPGC-COOH
Host	Mouse
Reactivity	Human
Specificity	Human bcl-2 oncoprotein.
Form	Liquid
Isotype	IgG1
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:100 for 30 minutes at 25 °C) The optimal working dilution should be determined by the end user.
Storage Buffer	In tissue culture supernatant (0.09% sodium azide).

Storage Instruction

Store at 4°C. Do not freeze. Return to 2-8°C immediately after use. Do not use after expiration date indicated on the vial label.

Note

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

Recommended positive control tissue is kidney

Recommended negative control tissue is cerebellum.

Applications

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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human follicular lymphoma: neoplastic cells show a moderate, predominantly cytoplasmic staining reaction.

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](#)