Monoclonal Anti- B-cell lymphoma 2, Bcl-2

Catalog# BMA1007

Lot # Check on the product label

Size 100 μg

Isotype IgG2b

Clone # D24-5

Host Mouse

Reactivity
Human, mouse

Product Form Liquid

Purification Protein A purified

Immunogen
Recombinant protein within human BCL-2.

Recommend Application
Western Blot,WB (1:50)
Immunohistochemistry, IHC-P (1:100)
Immunocytochemistry, ICC (1:100-200)
Other applications have not been tested.
The optimal dilutions should be determined by end user.

Storage Buffer
1*PBS (pH7.4), 0.2% BSA, 40% Glycerol and 0.05% Sodium Azide.

Storage Instruction
Store at 4°C after thawing (1 week). Aliquot and store at -20°C for long term (at least one year).
Avoid repeated freeze and thaw cycles.

Background
Bcl-2 (B-cell lymphoma 2) is the founding member of the Bcl-2 family of apoptosis regulator proteins encoded by the BCL2 gene.[1,2] Bcl-2 is an important regulator of photoreceptor cell death in retinal degenerations.[3] The bcl-2 protooncogene, which protects various cell types from apoptotic cell death, is expressed in the developing and adult nervous system. Bcl-2 may play an important role in survival of neurons both during development and throughout adult life.[4]

Reference
1. Tsujimoto Y, Finger LR, Yunis J, Nowell PC, Croce CM (November 1984). "Cloning of the chromosome breakpoint of neoplastic B cells with the t(14;18) chromosome translocation". Science 226 (4678): 1097–99.
2. Cleary ML, Smith SD, Sklar J (October 1986). "Cloning and structural analysis of cDNAs for bcl-2 and a hybrid bcl-2/immunoglobulin transcript resulting from the t(14;18) translocation". Cell 47 (1): 19–28.
3. Chen, J., Flannery, J. G., LaVail, M. M., Steinberg, R. H., Xu, J., Simon, M. I. Bcl-2 overexpression reduces apoptotic photoreceptor cell death in three different retinal degenerations. Proc. Nat. Acad. Sci. 93: 7042-7047, 1996.
4. Farlie, P. G., Dringen, R., Rees, S. M., Kannourakis, G., Bernard, O. bcl-2 transgene expression can protect neurons against developmental and induced cell death. Proc. Nat. Acad. Sci. 92: 4397-4401, 1995.

Chongqing Biospes Co., Ltd Tel: +86-23-67567091 Fax: +86-23-67745923
7F, Bldg B, High-tech Venture Park, # 107 Erlang Chuangye Rd, Jiulongpo District, Chongqing, 400039, China
www.biospes.com