



Product Information Sheet

Monoclonal Anti-Bcl-2

Catalogue No. MA1004-S

Lot No. 08A12

Clone: BL-2

Ig type: mouse IgG1

Size: 200µl

Specificity

Human.

No cross reactivity with other proteins.

Recommended application

Immunoprecipitation(IP)

Immunogen

Synthetic peptide corresponding to residues 41-54 of the bcl-2 protein, conjugated to thyroglobulin.

Purification

Purified by the goat anti-mouse IgG affinity chromatography.

Formulation

50% slurry in PBS pH 7.2 with 0.01mg NaN₃a₃ preservative.

Storage

Store at 4°C for frequent use.

Description:

This Antagene antibody is immobilized via covalent binding of primary amino groups to N-hydroxysuccinimide (NHS)-activated sepharose beads. It is useful for immunoprecipitation assays.

BACKGROUND

Immunoreactive BCL2 protein in the neoplastic cells of almost all follicular lymphomas whereas no BCL2 protein was detected in follicles affected by nonneoplastic processes or in normal lymphoid tissue. Every tumor with molecular-genetic evidence of t(14;18) translocation expressed detectable levels of BCL2 protein, regardless of whether the breakpoint was located in or at a distance from the BCL2 gene. Overexpression of BCL2 blocks the apoptotic death of a pro-B-lymphocyte cell line.

REFERENCE

1. Ngan, B.-Y.; Chen-Levy, Z.; Weiss, L. M.; Warnke, R. A.; Cleary, M. L. : Expression in non-Hodgkin's lymphoma of the BCL-2 protein associated with the t(14;18) chromosomal translocation. New Eng. J. Med. 318: 1638-1644, 1988.
2. Hockenbery, D.; Nunez, G.; Milliman, C.; Schreiber, R. D.; Korsmeyer, S. J. : Bcl-2 is an inner mitochondrial membrane protein that blocks programmed cell death. Nature 348: 334-336, 1990

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