



Monoclonal Anti-BCL10 (Sephacose Bead Conjugate)

Catalogue No. MA1003-S

Immunogen

Recombinant human Bcl-10.

Lot No. 08A12

Purification

Purified by the goat anti-mouse IgG affinity chromatography.

Clone: BL-10

Ig type: mouse IgG1

Formulation

50% slurry in PBS pH 7.2 with 0.01mg NaN₃ preservative.

Size: 200µl

Storage

Store at 4°C for frequent use.

Specificity

Human.

No cross reactivity with other proteins.

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

Recommended application

Immunoprecipitation(IP)

BACKGROUND

BCL10 was found to be expressed as a transcript of 4.2 kb in all normal and malignant tissues examined. It contains a CARD (caspase recruiting domain) domain and is involved in activation of caspase9 to induce apoptosis. It is known to induce activation of JNK, p38 and NF kappaB. Mutations in Bcl10 are observed in many B and T cell lymphomas implicating its role in pathogenesis of human cancer.

REFERENCE

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2. Willis, T. G.; Jadayel, D. M.; Du, M.-Q.; Peng, H.; Perry, A. R.; Abdul-Rauf, M.; Price, H.; Karran, L.; Majekodunmi, O.; Wlodarska, I.; Pan, L.; Crook, T.; Hamoudi, R.; Isaacson, P. G.; Dyer, M. J. S. : Bcl10 is involved in t(1;14)(p22;q32) of MALT B cell lymphoma and mutated in multiple tumor types *Cell* 96: 35-45, 1999.
3. Xue, L.; Morris, S. W.; Orihuela, C.; Tuomanen, E.; Cui, X.; Wen, R.; Wang, D. : Defective development and function of Bcl10-deficient follicular, marginal zone and B1 B cells. *Nature Immun.* 4: 857-865, 2003.

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