



Product Information Sheet

Monoclonal Anti-Cyclin D2 (Sephacose Bead Conjugate)

Catalogue No. MA1034-S

Immunogen

Recombinant human cyclin D₂ protein.

Lot No. 08A12

Purification

Purified by the goat anti-mouse IgG affinity chromatography.

Clone: CY-D2

Ig type: mouse IgG2a

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, mouse.

No cross reactivity with other proteins.

Description:

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

Recommended application

Immunoprecipitation(IP)

BACKGROUND

Inaba et al. (1992) used murine cDNA clones for 3 cyclin D genes that are normally expressed during the G1 phase of the cell cycle to clone the cognate human genes. D-type cyclins (cyclins D1, D2, and D3) are regarded as essential links between cell environment and the core cell cycle machinery. cyclin D2(CCND2) gene is assigned to 12p13.

REFERENCE

1. Kozar, K.; Ciemerych, M. A.; Rebel, V. I.; Shigematsu, H.; Zagozdzon, A.; Sicinska, E.; Geng, Y.; Yu, Q.; Bhattacharya, S.; Bronson, R. T.; Akashi, K.; Sicinski, P. : Mouse development and cell proliferation in the absence of D-cyclins. *Cell* 118: 477-491, 2004.
2. Inaba, T.; Matsushime, H.; Valentine, M.; Roussel, M. F.; Sherr, C. J.; Look, A. T. : Genomic organization, chromosomal localization, and independent expression of human cyclin D genes. *Genomics* 13: 565-574, 1992.
- 3 Xiong, Y.; Menninger, J.; Beach, D.; Ward, D. C. : Molecular cloning and chromosomal mapping of CCND genes encoding human D-type cyclins. *Genomics* 13: 575-584, 1992.