



Product Information Sheet

Monoclonal Anti-Cyclin D2 - conjugated to Magnetic Beads

Catalogue No. MA1034-M

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

Each vial contains 1mg/ml Magnetic Bead in PBS, pH 7.2, 0.05mg NaN₃.

Size: 200µl

Specificity

Human, mouse.

No cross reactivity with other proteins.

Storage

Store at 4°C for frequent use.

Recommended application

Immunoprecipitation(IP)

Description

This Antagene antibody is immobilized by the covalent reaction of hydrazinonicotinamide-modified antibody with formylbenzamide-modified beads. It is useful for immunoprecipitation.

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.