



Product Information Sheet

Monoclonal Anti-Cyclin A

Catalogue No. MA1032

Lot No. 08A12

Clone: CY-28

Ig type: mouse IgG2a

Size: 100µg/vial

Specificity

Human, mouse.

No cross reactivity with other proteins.

Recommended application

Western blot

Immunocytochemistry

Immunogen

Recombinant bovine cyclin A.

Purification

Purified by the goat anti-mouse IgG affinity chromatography.

Application

Western blot

At 0.5-1µg/ml with the appropriate system to detect cyclin A in cells and tissues.

Immunocytochemistry

Suitable

Other applications have not been tested.

Optimal dilutions should be determined by end user.

Formulation

Lyophilized from 1.2% sodium acetate, with 2mg BSA and 0.01mg Na₃ as preservative.

Reconstitution

1.2% sodium acetate or neutral PBS. If 1ml of PBS is used, the antibody concentration will be 100µg/ml.

Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for longer time.

To reorder contact us at:

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BACKGROUND

The mammalian A-type cyclin family consists of 2 members, cyclin A1 (CCNA1) and cyclin A2 (CCNA2). Human cyclin A gene is assigned to 4q26-q27. Cyclin A protein is synthesized and localized into the nucleus at the onset of S phase in nontransformed mammalian fibroblasts.

REFERENCE

1. Blanquet, V.; Wang, J.; Chenivresse, X.; Henglein, B.; Garreau, F.; Brechot, C.; Turleau, C. : Assignment of a human cyclin A gene to 4q26-q27. *Genomics* 8: 595-597, 1990.
2. Girard, F.; Strausfeld, U.; Fernandez, A.; Lamb, N. J. C. : Cyclin A is required for the onset of DNA replication in mammalian fibroblasts. *Cell* 67: 1169-1179, 1991.

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