

# CCNA1 / Cyclin-A1 Antibody, Mouse MAb



Sino Biological  
Biological Solution Specialist

Catalog Number: 11013-MM02

## GENERAL INFORMATION

|                           |                                                                                                                                                                                                                                                                                                                                              |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Immunogen:</b>         | Recombinant Human CCNA1 protein (Catalog#11013-H07B)                                                                                                                                                                                                                                                                                         |
| <b>Preparation</b>        | This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human CCNA1 (rh CCNA1; Catalog#11013-H07B; NP_003905.1; Met 1-Gln 465). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography. |
| <b>Ig Type:</b>           | Mouse IgG2a                                                                                                                                                                                                                                                                                                                                  |
| <b>Clone ID:</b>          | 3F6B2C2                                                                                                                                                                                                                                                                                                                                      |
| <b>Specificity:</b>       | Human CCNA1 / Cyclin-A1                                                                                                                                                                                                                                                                                                                      |
|                           | No cross-reactivity in ELISA with Insect cell lysate                                                                                                                                                                                                                                                                                         |
| <b>Formulation:</b>       | 0.2 µm filtered solution in PBS                                                                                                                                                                                                                                                                                                              |
| <b>Storage:</b>           | This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.                                                                                           |
| <b>Alternative Names:</b> | CT146                                                                                                                                                                                                                                                                                                                                        |

## APPLICATIONS

|                      |                 |
|----------------------|-----------------|
| <b>Applications:</b> | WB,ELISA,ICC/IF |
|----------------------|-----------------|

## RECOMMENDED CONCENTRATION

|                     |                                                                                                                                     |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>ICC/IF</b>       | ICC/IF: 1:100-1:500                                                                                                                 |
| <b>Western Blot</b> | WB: 1:500-1:1000                                                                                                                    |
| <b>ELISA</b>        | ELISA: 1:5000-1:10000<br>This antibody can be used at 1:5000-1:10000 with the appropriate secondary reagents to detect Human CCNA1. |

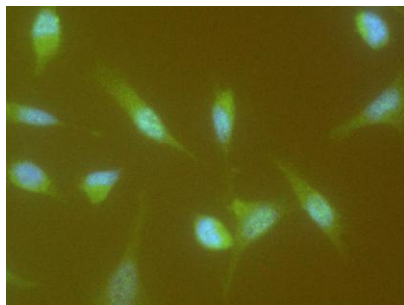
**Please Note: Optimal concentrations/dilutions should be determined by the end user.**

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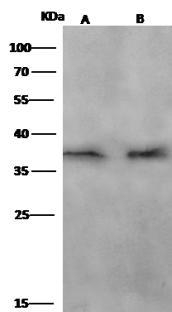


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Immunofluorescence staining of Human CCNA1 in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 1% Triton X-100 in PBS, blocked with 10% serum, and incubated with Mouse anti-Human CCNA1 monoclonal antibody (1:300) at 37°C 1 hour. Then cells were stained with the Alexa Fluor® 488-conjugated Goat Anti-mouse IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to cytoplasm and Nucleus.



Anti-CCNA1 mouse monoclonal antibody at 1:500 dilution

Lane A: THP1 Whole Cell Lysate

Lane B: HeLa Whole Cell Lysate

Lysates/proteins at 30 µg per lane.

Secondary Rabbit Anti-Mouse IgG F(ab)2/HRP at 1/10000 dilution.

Developed using the ECL technique.  
Performed under reducing conditions.

Predicted band size: 52 kDa

Observed band size: 37 kDa