

## CCNE1 recombinant antibody

CCNE1 Antibody

|                               |                       |                            |                                                                        |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------------|
| CATALOG #<br><b>AAA244001</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunofluorescence, Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------------|

### PRODUCT SYNONYMS

CCNE1; Monoclonal Recombinant Antibody; CCNE1 Antibody; G1/S-specific cyclin-E1; CCNE; CCNE1 recombinant antibody

### PRODUCT SPECIFICATIONS

|                                                        |                                                                                                          |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Host                                                   | Rabbit                                                                                                   |
| Reactivity                                             | Human                                                                                                    |
| Clonality                                              | Monoclonal                                                                                               |
| Isotype                                                | Rabbit IgG                                                                                               |
| Clone Number                                           | 3A5                                                                                                      |
| Purity/Purification                                    | Affinity-chromatography                                                                                  |
| Form/Format                                            | Liquid. Rabbit IgG in phosphate buffered saline, PH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Applicable Applications for CCNE1 recombinant antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA                                               |
| Antibody Type                                          | Recombinant Antibody                                                                                     |
| Conjugation                                            | Non-conjugated                                                                                           |
| Immunogen                                              | A synthesized peptide derived from human Cyclin E1                                                       |
| Preparation and Storage                                | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.                              |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescence staining of HeLa Cells at 1?50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeated by 0.2% TritonX-100, and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Rabbit IgG ?H+L?.



#### IHC (Immunohistochemistry)

IHC image diluted at 1:100 and staining in paraffin-embedded human testis tissue performed on a Leica Bond<sup>TM</sup> system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.



#### IHC (Immunohistochemistry)

IHC image diluted at 1:100 and staining in paraffin-embedded human breast cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.

## ADDITIONAL INFORMATION

|                                                            |                                                                             |
|------------------------------------------------------------|-----------------------------------------------------------------------------|
| Related Product Information for CCNE1 recombinant antibody | Essential for the control of the cell cycle at the G1/S (start) transition. |
| Product Categories/Family for CCNE1 recombinant antibody   | Epigenetics and Nuclear Signaling; Cancer; Cell biology                     |

## NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 17318559                                       |
| NCBI GeneID                      | 898                                            |
| NCBI Accession #                 | NP_001229.1                                    |
| NCBI GenBank Nucleotide #        | NM_001238.2                                    |
| UniProt Accession #              | P24864; Q14091; Q8NFG1; Q92501; Q9UD21; A8K684 |
| Molecular Weight                 | 47,077 Da                                      |
| NCBI Official Full Name          | G1/S-specific cyclin-E1                        |
| NCBI Official Synonym Full Names | cyclin E1                                      |
| NCBI Official Symbol             | CCNE1                                          |
| NCBI Official Synonym Symbols    | CCNE                                           |
| NCBI Protein Information         | G1/S-specific cyclin-E1; cyclin Es; cyclin Et  |
| UniProt Protein Name             | G1/S-specific cyclin-E1                        |
| UniProt Gene Name                | CCNE1                                          |
| UniProt Synonym Gene Names       | CCNE                                           |
| UniProt Entry Name               | CCNE1_HUMAN                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ccne1-recombinant-antibody-clone-3a5-immunofluorescence-immunohistochemistry-elisa/244001>