

## Rabbit anti-Human Cyclin E2 Monoclonal Antibody | anti-CCNE2 antibody

Recombinant Cyclin E2 Monoclonal Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                           |
|-----------|--------|------------|--------------------------------------------------------|
| AAA178843 | Rabbit | Human      | Immunofluorescence, Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

Cyclin E2; Monoclonal Antibody; Recombinant Cyclin E2 Monoclonal Antibody; CCNE2; CYCE2; cyclin E2; anti-CCNE2 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                      |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                               |
| Reactivity                                      | Human                                                                                                |
| Clonality                                       | Monoclonal                                                                                           |
| Isotype                                         | IgG                                                                                                  |
| Clone Number                                    | R02-1C0                                                                                              |
| Purity/Purification                             | Affinity Purified                                                                                    |
| Form/Format                                     | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein |
| Concentration                                   | 300ug/mL (varies by lot)                                                                             |
| Applicable Applications for anti-CCNE2 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                               |
| Immunogen                                       | A synthetic peptide of human Cyclin E2                                                               |
| Research Area                                   | Cancer, Cell Biology, Epigenetics and Nuclear Signaling                                              |
| Preparation and Storage                         | Storage: -20 degree C/One year. Avoid freeze/thaw cycles.                                            |

### IMAGES



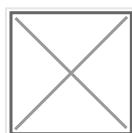
#### IF (Immunofluorescence)

Immunofluorescence of Cyclin E2 (green) in MCF-7 using Cyclin E2 antibody at dilution 1:20, and DAPI(blue)



#### IHC (Immunohistochemistry)

Immunohistochemistry of Cyclin E2 in paraffin-embedded Human lung cancer tissue using Cyclin E2 Rabbit mAb at dilution 1:50



#### WB (Western Blot)

Western blot detection of Cyclin E2 in Jurkat cell lysates using Cyclin E2 Rabbit mAb(1:500 diluted).Predicted band size:47kDa.Observed band size:47kDa.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CCNE2 antibody | The protein encoded by this gene belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. This cyclin forms a complex with and functions as a regulatory subunit of CDK2. This cyclin has been shown to specifically interact with CIP/KIP family of CDK inhibitors, and plays a role in cell cycle G1/S transition. |
| Product Categories/Family for anti-CCNE2 antibody   | Antibodies; Primary Antibodies; Recombinant Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

NCBI AND UNIPROT INFORMATION

|                                  |                         |
|----------------------------------|-------------------------|
| NCBI GI #                        | 17318565                |
| NCBI GeneID                      | 9134                    |
| NCBI Accession #                 | NP_477097.1             |
| NCBI GenBank Nucleotide #        | NM_057749.2             |
| UniProt Accession #              | O96020; O95439          |
| Molecular Weight                 | 46,757 Da               |
| NCBI Official Full Name          | G1/S-specific cyclin-E2 |
| NCBI Official Synonym Full Names | cyclin E2               |
| NCBI Official Symbol             | CCNE2                   |
| NCBI Official Synonym Symbols    | CYCE2                   |
| NCBI Protein Information         | G1/S-specific cyclin-E2 |
| UniProt Protein Name             | G1/S-specific cyclin-E2 |
| UniProt Gene Name                | CCNE2                   |
| UniProt Entry Name               | CCNE2_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/cyclin-e2-antibody-clone-r02-1c0-immunofluorescence-immunohistochemistry-western-blot-elisa/178843>