

Datasheet for ABIN7606886

**Recombinant anti-Cyclin E2 antibody**[Go to Product page](#)**2** Images

## Overview

|                |  |
|----------------|--|
| Quantity:      | 100 µL   |
| Target:        | Cyclin E2 (CCNE2)  |
| Reactivity:    | Human  |
| Host:          | Rabbit   |
| Antibody Type: | Recombinant Antibody   |
| Clonality:     | Monoclonal   |
| Conjugate:     | This Cyclin E2 antibody is un-conjugated   |
| Application:   | Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF),<br>Immunoprecipitation (IP), Immunocytochemistry (ICC) |

## Product Details

|               |   |
|---------------|---|
| Purpose:      | Cyclin E2 Rabbit mAb  |
| Immunogen:    | A synthesized peptide derived from human Cyclin E2              |
| Isotype:      | IgG   |
| Specificity:  | Cyclin E2 Antibody detects endogenous levels of total Cyclin E2 |
| Purification: | Affinity-chromatography   |
| Grade:        | KD Validated  |

## Target Details

|         |                   |
|---------|-------------------|
| Target: | Cyclin E2 (CCNE2) |
|---------|-------------------|

### Target Details

|                   |  |
|-------------------|--|
| Alternative Name: | Cyclin E2 ( <a href="#">CCNE2 Products</a> )                                 |
| Background:       | CGE2, CYCE2, cyclin E2, G1/S-Specific cyclin E2,                             |
| Molecular Weight: | 50kDa  |
| UniProt:          | <a href="#">O96020</a>   |
| Pathways:         | <a href="#">Cell Division Cycle</a> , <a href="#">Mitotic G1-G1/S Phases</a> |

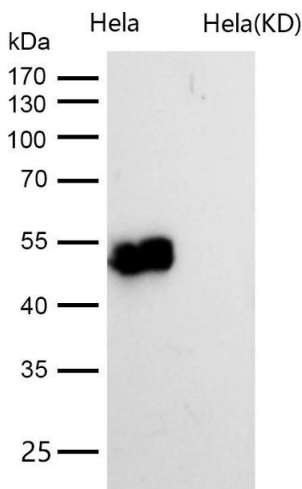
### Application Details

|                    |  |
|--------------------|--|
| Application Notes: | WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:50 |
| Restrictions:      | For Research Use only                                    |

### Handling

|                    |  |
|--------------------|--|
| Buffer:            | phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.                                |
| Preservative:      | Sodium azide   |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | 4 °C,-20 °C  |
| Storage Comment:   | Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.   |

### Images



Western Blotting

**Image 1.** All lanes use the Antibody at 1:1k dilution for 1 hour at room temperature. The human Cyclin E2 gene encodes a 404 amino acid protein that is most closely related to Cyclin E. Cyclin E2 mRNA levels peaks at the G1 / S transition. Cyclin E2 associates with Cdk2 in a functional kinase complex that is inhibited by both p27 (Kip1) and p21 (Cip1). Cyclin E2 / Cdk2 phosphorylates histone H1 in vitro. G1 cyclin E controls the initiation of DNA synthesis by activating CDK2. Abnormally high levels of cyclin E expression have frequently been observed in human

cancers.

Western Blotting

**Image 2.** Western blot analysis of Cyclin E2 expression in Jurkat cell lysate.

