

PACO17767

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## Product Information

**Size:**

50ul

**Reactivity:**

Human

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, IHC

**Recommended dilutions:**

ELISA:1:500-1:5000, IHC:1:5-1:20

**Protein Background:**

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, whose activity is required for cell cycle G1/S transition. This protein accumulates at the G1-S phase boundary and is degraded as cells progress through S phase. Overexpression of this gene has been observed in many tumors, which results in chromosome instability, and thus may contribute to tumorigenesis.

**Gene ID:**

CCNE1

**Uniprot**

P24864

**Synonyms:**

Cyclin E1

**Immunogen:**

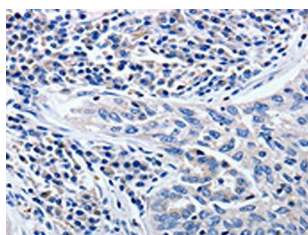
Synthetic peptide of human CCNE1.

**Storage:**

-20&deg; C, pH7.4 PBS, 0.05% NaN<sub>3</sub>, 40% Glycerol

## Product Images

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The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using PACO17767(CCNE1 Antibody) at dilution 1/5, on the right is treated with synthetic peptide. (Original magnification: x—200).