

**Product Name: Cyclin E2 (7T5) Rabbit Monoclonal Antibody**  
**Catalog #: AMRe09597**

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## Summary

<b>Production Name</b>	Cyclin E2 (7T5) Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	CCNE2
<b>Alternative Names</b>	CGE2; CYCE2; cyclin E2; G1/S-Specific cyclin E2;
<b>Gene ID</b>	9134.0
<b>SwissProt ID</b>	O96020.A synthetic peptide of human Cyclin E2

## Application

<b>Dilution Ratio</b>	WB: 1:1000-1:5000
<b>Molecular Weight</b>	47kDa

## Background

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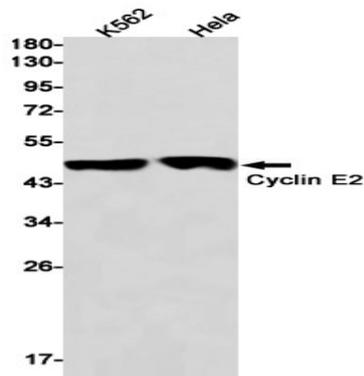
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The human Cyclin E2 gene encodes a 404 amino acid protein that is most closely related to Cyclin E. Cyclin E2 mRNA levels peaks at the G1 / S transition. Cyclin E2 associates with Cdk2 in a functional kinase complex that is inhibited by both p27 (Kip1) 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. Essential for the control of the cell cycle at the late G1 and early S phase.

## Research Area

## Image Data



Western blot detection of Cyclin E2 in K562, HeLa cell lysates using Cyclin E2 antibody (1:1000 diluted).

## Note

For research use only.