

**Phospho-Cyclin E1 (T77) Antibody**  
**Rabbit mAb**  
**Catalog # AP90817****Specification****Phospho-Cyclin E1 (T77) Antibody - Product Information**

Application	WB, IHC, ICC
Primary Accession	<a href="#">P24864</a>
Clonality	Monoclonal
<b>Other Names</b>	
CCNE; Ccne1; cyclin E variant ex5del; cyclin E variant ex7del; Cyclin E1; Cyclin Es; Cyclin Et; G1/S specific cyclin E; G1/S-specific cyclin-E1;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	47077 Da

**Phospho-Cyclin E1 (T77) Antibody - Additional Information**

Dilution	WB~~1:1000 IHC~~1:100~500 ICC~~N/A
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Cyclin E1
Description	Cyclin E1 and cyclin E2 can associate with and activate CDK2. Upon DNA damage, upregulation/activation of the CDK inhibitors p21 Waf1/Cip1 and p27 Kip1 prevent cyclin E/CDK2 activation, resulting in G1/S arrest. Cyclin E1 is phosphorylated at multiple sites in vivo including Thr62, Ser88, Ser72, Thr380 and Ser384, and is controlled by at least two kinases, CDK2 and GSK-3.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Phospho-Cyclin E1 (T77) Antibody - Protein Information****Name** CCNE1**Synonyms** CCNE**Function**

Essential for the control of the cell cycle at the G1/S (start) transition.

**Cellular Location**

Nucleus.

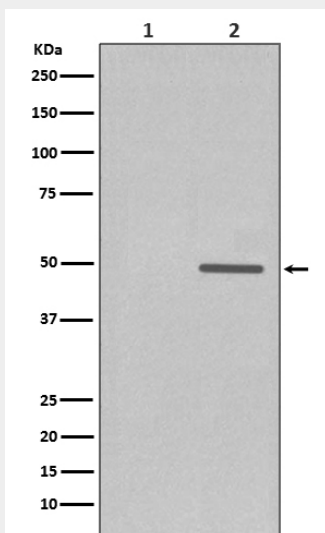
**Tissue Location**

Highly expressed in testis and placenta. Low levels in bronchial epithelial cells.

**Phospho-Cyclin E1 (T77) Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Phospho-Cyclin E1 (T77) Antibody - Images**

Western blot analysis of Phospho-Cyclin E1 (T77) expression in (1) JAR cell treated with Lambda Phosphatase lysate; (2) JAR cell lysate.