

Datasheet for 100-401-156**Cyclin E Antibody****Overview**

Description:	Anti-Cyclin E (RABBIT) Antibody - 100-401-156
Item No.:	100-401-156
Size:	100 µL
Reactivity:	Human
Host Species:	Rabbit

Product Details

Background:	Anti-Cyclin-E antibody detects cyclin-E. Cyclin E is a member of the cyclin family. Cyclin E binds to the G1 phase Cdk2, which is required for the transition from G1 to S phase of the cell cycle that determines cell division. The Cyclin E/CDK2 complex phosphorylates p27Kip1, tagging it for degradation, thus promoting expression of Cyclin A, allowing progression to S phase. Anti-cyclin-e Antibody is ideal for investigators involved in Cell Signaling, cell biology and Signal Transduction research.
Synonyms:	rabbit anti-cyclin E antibody, CCNE antibody, CCNE1 antibody, Cyclin E1 antibody, Cyclin Es antibody, Cyclin Et antibody, CyclinE antibody, G1/S specific cyclin E antibody
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	Antiserum

Target Details

Gene Name:	CCNE1
Reactivity:	Human
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-Cyclin-E Antibody was produced by repeated immunizations with a KLH conjugated peptide corresponding to a region near the carboxy terminus of human Cyclin E.
Purity/Specificity:	Anti-Cyclin-E was prepared from monospecific antiserum by delipidation and defibrination. No reaction was observed against other related cyclins. Cross reactivity with Cyclin E from other species may also occur.

Relevant Links:	• NCBI - AAA83269.1 • UniProtKB - P24864 • GeneID - 898
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Application Details

Application Note:	Anti-Cyclin-E antibody is suitable for the detection by immunoblot, ELISA and IP. Researchers should determine optimal titers for applications that are not stated below. Antiserum will specifically react with a 45 kDa Cyclin E protein from human tissue.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:100,000
IP:	1:100
WB:	1:2,000 - 1:10,000

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	70 mg/mL by Refractometry
Buffer:	None
Preservative:	0.01% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Disclaimer

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