

RecomAb™

CCNE2 recombinant monoclonal antibody

Catalog # RAB02631 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human CCNE2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant human Cyclin E2 protein, around C-terminal 100aa.
Theoretical MW (kDa)	44
Reactivity	Human
Specificity	This antibody detects endogenous levels of Cyclin E2 protein.
Form	Liquid
Purification	Protein A purification
Isotype	IgG
Recommend Usage	Flow Cytometry (2 ug) The optimal working dilution should be determined by the end user.
Storage Buffer	In 0.01M TBS, pH7.4 (1% BSA, 0.03% Proclin300 and 50% Glycerol)
Storage Instruction	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

Applications

- Flow Cytometry

Gene Info — CCNE2

Entrez GeneID	9134
Gene Name	CCNE2
Gene Alias	CYCE2
Gene Description	cyclin E2
Omim ID	603775
Gene Ontology	Hyperlink
Gene Summary	<p>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. This cyclin has been shown to specifically interact with CIP/KIP family of CDK inhibitors, and plays a role in cell cycle G1/S transition. The expression of this gene peaks at the G1-S phase and exhibits a pattern of tissue specificity distinct from that of cyclin E1. A significantly increased expression level of this gene was observed in tumor-derived cells. [provided by RefSeq]</p>
Other Designations	G1/S-specific cyclin E2

Pathway

- [Cell cycle](#)
- [p53 signaling pathway](#)
- [Pathways in cancer](#)
- [Prostate cancer](#)
- [Small cell lung cancer](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)