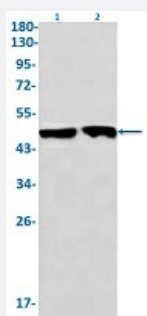


RecomAb™

CCNE2 recombinant monoclonal antibody, clone R04-1A4

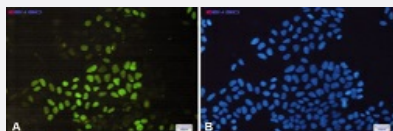
Catalog # RAB02349 Size 100 uL

Applications



Western Blot

Western Blot analysis of Lane 1: K562 and Lane 2: Hela lysates with CCNE2 recombinant monoclonal antibody, clone R04-1A4 (Cat # RAB02349).



Immunocytochemistry

Immunocytochemical staining of Hela with CCNE2 recombinant monoclonal antibody, clone R04-1A4 (Cat # RAB02349). (A) CCNE2 (green) and (B) DAPI (blue).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human CCNE2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human CCNE2.
Theoretical MW (kDa)	Calculated MW: 47 kD
Reactivity	Human
Form	Liquid

Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry Immunofluorescence(1:50-1:200) Immunoprecipitation(1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at -20 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western Blot analysis of Lane 1: K562 and Lane 2: Hela lysates with CCNE2 recombinant monoclonal antibody, clone R04-1A4 (Cat # RAB02349).

- Immunocytochemistry

Immunocytochemical staining of Hela with CCNE2 recombinant monoclonal antibody, clone R04-1A4 (Cat # RAB02349). (A) CCNE2 (green) and (B) DAPI (blue).

- Immunofluorescence

- Immunoprecipitation

Gene Info — CCNE2

Entrez GeneID	9134
Protein Accession#	O96020
Gene Name	CCNE2
Gene Alias	CYCE2
Gene Description	cyclin E2

Omim ID [603775](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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]

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](#)