CCNE2 (Human) Cell-Based ELISA Kit

Catalog # KA2723 Size 1 Kit

Specification

Product Description	CCNE2 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative det ermination of CCNE2 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — CCNE2

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

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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 fu nction 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 co mplex with and functions as a regulatory subunit of CDK2. This cyclin has been shown to specifica lly 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 distin ct from that of cyclin E1. A significantly increased expression level of this gene was observed in tu mor-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

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