

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

CYCLIN E2 RABBIT MAB

Cat.#: N262091

Product Name: Anti-Cyclin E2 Rabbit Monoclonal Antibody

Synonyms: CCNE2; G1/S-specific cyclin-E2

UNIPROT ID: 096020

Background: The human Cyclin E2 gene encodes a 404 amino acid protein that is most closely related to Cyclin E. Cyclin E2 mRNA levels peaks at the G1 / S transition. Cyclin E2 associates with Cdk2 in a functional kinase complex that is inhibited by both p27 (Kip1) and p21 (Cip1). Cyclin E2 / Cdk2 phosphorylates histone H1 in vitro. G1 cyclin E controls the initiation of DNA synthesis by activating CDK2. Abnormally high levels of cyclin E expression have frequently been observed in human cancers.

Immunogen: A synthetic peptide of human Cyclin E2

Applications: WB,ICC/IF,IP

Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R04-1A4

MW: Calculated MW: 47 kDa; Observed MW: 47 kDa

Isotype: IgG

Purification: Affinity Purified Species Reactivity: Human Conjugation: Unconjugated Modification: Unmodified

Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50%

glycerol, 0.5% BSA and 0.02% sodium azide

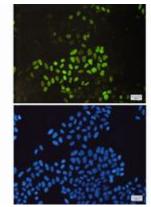
Research Areas: Cell Biology

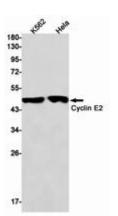
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



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Cyclin E2(green) in Hela using in K562, Hela Cyclin E2 antibody, and DAPI(blue) E2 antibody.

Immunocytochemistry analysis of Western blot analysis of Cyclin E2 in K562, Hela lysates using Cyclin