

Product Datasheet

Cyclin E2 Antibody

Catalog No: CY5821

Reactivity: Human Mouse

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF FC



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Information

UniProt ID: O96020

All Names: CCN E2; CCNE 2; CCNE2 protein; CYC E2; CYCE 2; CyclinE2; G1/S specific cyclin E2;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 47 kDa

Application

WB 1:500~1:1000

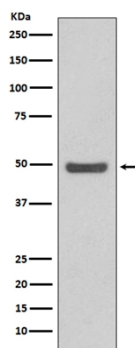
IHC 1:50~1:200

ICC/IF 1:100~1:500

FC 1:20

Background

Cyclin E1 and cyclin E2 can associate with and activate CDK2. Upon DNA damage, upregulation/activation of the CDK inhibitors p21 Waf1/Cip1 and p27 Kip1 prevent cyclin E/CDK2 activation, resulting in G1/S arrest. Essential for the control of the cell cycle at the late G1 and early S phase.



Western blot analysis of Cyclin E2 expression in HeLa cell lysate.

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