

Cyclin E2 monoclonal antibody

Catalog: MB10790

Host: Rabbit

Reactivity: Human

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.

Product:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

Molecular Weight:

Calculated MW: 47 kDa; Observed MW: 47 kDa

Swiss-Prot:

O96020

Purification&Purity:

Affinity Purified

Applications:

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

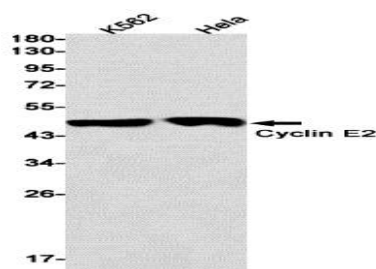
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:



Western blot analysis of Cyclin E2 in K562, HeLa lysates using Cyclin E2 antibody.

Immunocytochemistry analysis of Cyclin E2 in HeLa using Cyclin E2 antibody, and DAPI

Note:

For research use only, not for use in diagnostic procedure.

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