

Cyclin B1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251217

Unit: 0.1 mg

Description:

G2/mitotic-specific cyclin-B1(cyclin B1) is essential for the control of the cell cycle at the G2/M (mitosis) transition. Cyclin B1 interacts with the CDC2 protein kinase to form a serine/threonine kinase holoenzyme complex also known as maturation promoting factor (MPF). Cyclin B1 accumulates steadily during G2 and is abruptly destroyed at mitosis.

Isotype: Rabbit Ig

Applications: E, FC, IHC, WB

Species Reactivity: H, M, R

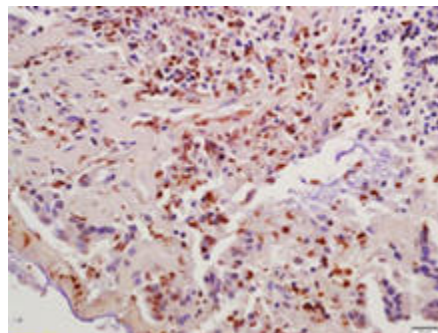
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Cyclin B1; Cyclin-B1; G2/mitotic-specific cyclin-B1; CCNB1; CCNB

Accession No.: P14635

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human cyclin B1.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500; FC: 1:100-1:500



Cyclin B1 staining in colon cancer. Formalin-fixed paraffin-embedded human colon carcinoma tissue is stained with Cyclin B1 Antibody (Cat. No. 251217) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.