Product datasheet

Anti-Cyclin D2/CCND2 Antibody

Catalog Number: *PB0185*

BOSTER
antibody and ELISA experts
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Basic Information

Product Name	Anti-Cyclin D2/CCND2 Antibody
Gene Name	CCND2
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	human
Tested Application	IHC
Contents	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol.
Immunogen	E.coli-derived human Cyclin D2 recombinant protein (Position: H157-L289). Human Cyclin D2 shares 87% and 89% amino acid (aa) sequences identity with mouse and rat Cyclin D2, respectively.
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Dilution Ratios	Immunohistochemistry (IHC): 1:50-400 (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.

Storage

12 months from date of receipt，-20℃ as supplied.

Background Information

Cyclin D2, also known as CCND2, is a human gene. 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 function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. Cyclin D2 is mapped to 12p13. The expression of pseudogene cyclin D2 mRNA in the human ovary increases with age, which may be a novel marker for decreased ovarian function associated with the aging process. High level expression of this gene was observed in ovarian and testicular tumors.

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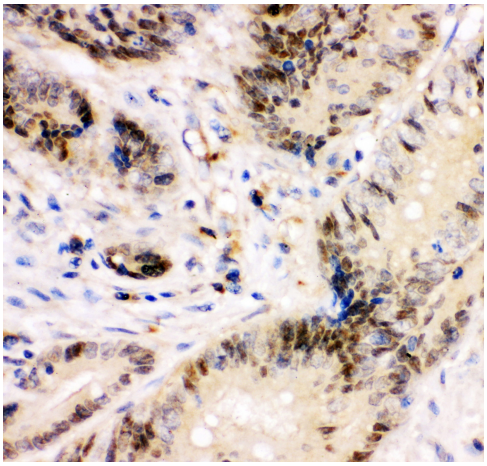
Selected Validation Data



IHC analysis of Cyclin D2/CCND2 using anti-Cyclin D2/CCND2 antibody (PB0185).
Cyclin D2/CCND2 was detected in a paraffin-embedded section of human intestinal cancer tissue. The tissue section was incubated with rabbit anti-Cyclin D2/CCND2 Antibody (PB0185) at a dilution of 1:200 and developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB (Catalog # AR1027) as the chromogen.